CONSTRUCTION NEWS

Engineering News-Record, Dec. 24, 1925

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

N. J., New Brunswick—Plans improving water supply, incl. dam, pipes, etc., at Lawrence Brook, here. $500,000. N. S. Hill, Jr., 112 East 19th St., New York City, consult. engr. This corrects report in Dec. 17 issue.

Pa., Turtle Creek (ind. br. East Pittsburgh)—See "Unclassified."

Md., Baltimore — City and Baltimore Co. (Towson) making plans 23 to 28 billion gal. reservoir, 120 ft. dam, 6½ mi. roads, concrete bridge, etc., at Prettyboy Reservoir, near here. $2,500,000-$3,000,000. V. B. Siems, ch. Bureau Water Supply, City Hall, engr.

N. C., Asheville—Plans 24 in. water line to Bee Tree Water Shed, also 11 m.g. reservoir on White Fawn Gap. $900,000. F. L. Conder, Asheville, comr. Pub. Wks.

N. C., Fayetteville—Made surveys water and sewer improvements. $60,000. T. D. Rose, Fayetteville, engr.

N. C., Four Oaks—Voted $75,000 bonds, new water and sewer mains in various streets. Noted Nov. 10.

N. C., Winston-Salem—Making surveys of Pink Beds watershed and also North Fork for extensive water improvements. J. L. Ludlow, Winston-Salem, engr.

Ga., Savannah—Foundation Co., Chatham Artillery Bldg., F. A. Voneberstein, pres., plans waterworks. $15,000.

Fla., Kissimmee—Election Jan. 2 (extended date), $128,000 bonds, mains in various streets. Noted Nov. 19.

Fla., Marianna—Voted $100,000 bonds, waterworks and paving various streets.

Fla., Wildwood — Voted $150,000 bonds, waterworks and paving various streets.

Miss., Long Beach—Takes bids in January modern waterworks. $75,000. Swanson & McGraw, Balter Bldg., New Orleans, La., consult. engrs. Noted Sept. 3.

La., Slidell—See "Sewers."

La., White Castle—Voted $28,000 bonds, waterworks and distribution system.

O., Cincinnati—Hamilton Co. plans 170 ft. 6 in. and 5,650 ft. 10 in. c.i. mains, etc., in Water Supply Line 31, Main Sanitary Dist. 4. $20,431. L. C. Boyott, Court House, engr.

Ill., Decatur—Soon takes bids 6 new filter beds. $150,000. M. P. Obrien, Decatur, city engr. Noted Dec. 10.

Wis., Milwaukee—City, c/o J. Schwada, city engr., making preliminary plans 1 story, 62 x 176 ft. with two 40 x 90 ft. wing boiler room, chlorinating room, etc., addition to North Point Pumping Station, Terrace Ave. $400,000. Cahill & Douglas, 217 West Water St., engrs. Juddell & Bogner, 445 Milwaukee St., archts.

Mo., St. Louis—Making plans rein.-con., etc., cut and rubblestone, 20 unit, 80 m.g.d. filtration plant, $1,225,000; two 30 m.g.d. pumps, $412,500; two 40 m.g.d. and one 60 m.g.d. pumps, $237,500; water tube drum type boilers, ash handling equipment, etc., $525,000; and additional hurdle dikes at Howard's Bend on Missouri River, $200,000. E. E. Wall, c/o Dept. Pub. Utilities, dir.

Tex., Celeste—Making preliminary surveys complete waterworks and sewerage systems. $40,000. Koch & Fowler, 606 Central Bank Bldg., Dallas, engrs.

Tex., Ft. Worth—City, c/o O. E. Carr, mgr., soon takes bids about 9 mi. 48 in. c.i. or rein.-con. mains from Lake Worth to here. D. L. Lewis, city engr.

Tex., Ft. Worth—City, c/o O. E. Carr, mgr., taking bids 6,000 tons c.i. pipe, 100 tons c.i. fittings and 400 fire hydrants. D. L. Lewis, Ft. Worth, engr.

Tex., San Antonio—Making preliminary plans large main from Mission Pumping Plant to southeastern part of city, $50,000, and replacing mains where needed throughout portions of city, purchasing pipe, etc., $60,000. I. Ewig, city engr.

Tex., Tyler — Making surveys filtration plant addition. $25,000. Jno. B. Hawley, Cotton Exch. Bldg., Ft. Worth, engr.

Okla., Barnsdall—Defeated $40,000 bonds new filter plant and extending mains in various streets. Holway Eng. Co., Wright Bldg., Tulsa, engrs. Noted Aug. 6.

Calif., Ontario—Made plans 10 m.g. concrete lined reservoir, 2 wells, 600 and 700 ft. deep, 26 ft. diam., 12,000 lin.ft. 10- to 14-in. c.i. mains, 2 pumping plants, etc. To exceed $125,000. O. S. Roen, city serv. mgr. Noted Dec. 10.

Calif., Pasadena — City made plans Calaveras reservoir, 10 m.g., in Altadena.

Calif., Santa Cruz — Plans to purchase 5,200 lin.ft. 8 in. c.i. pipe and fittings, bell and spigot joints. J. K. James, city engr.

Calif., Williams—Plans 100,000 gal. steel tank on approximately 75 ft. tower.

Que., St. Lamberts — City Council soon takes bids filtration plant. $124,950.

Ont., Barton—Barton Twp. Council election in January, $325,000 bonds, waterworks and elevated tank. James, Proctor & Redfern, 36 Toronto St., Toronto, engrs.

BIDS DESIRED

N. C., Greensboro—Jan. 5, by City Council, 500,000 gal. steel tank and tower, 146 ft. high, etc., at filtration plant. P. C. Painter, city mgr.

Fla., Daytona — Yourlando Land & Development Co., taking bids heavy gasoline duty pump to operate deep artesian well.

Fla., Lake City—Jan. 4, by City Comn., 1,000 to 2,000 g.p.m. deep well pump. J. B. Hobbs, city mgr.

O., East Cleveland (Cleveland P. O.) — Dec. 28, by City, c.i. mains, etc., in Glynn Rd. between Ravine Dr. and Deanwood St. To exceed $25,000. M. Garnett, City Hall, engr.

Wis., Wauwatosa—Jan. 4, by Bd. Pub. Wks., A. V. Brigham, secy., 5,045 ft. 6-12 in. c.i. mains in Lefeber Ave., Elm Lawn, 63rd and Wright Sts. $15,000. J. E. Lowther, City Hall, engr. Noted Dec. 10.

Okla., Minco — Taking bids complete waterworks, well and supply line. $60,000. Gantt-Baker Co., 1116-18 Main St., Oklahoma City, engrs.

BIDS RECEIVED

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, 170 tons 12 in. c.i. pipe, from U. S. Cast Iron Pipe & Fdry. Co., Am. Tr. Bldg., and Natl. Cast Iron Pipe Co., Tarrant City, Birmingham, Ala., $47.60 per ton; 233 tons special castings, from G. F. Fritz Fdry. & Mchy. Co., 2018 South 3rd St., $75.50 per ton; 400 fire hydrants, from Amer. Fdry. & Mfg. Co., 11th and Herbert Sts. $43.50 each; also tapping and hub valves, etc., from Chapman Valves Mfg. Co., Indian Orchard, Mass., $15,740.

CONTRACTS AWARDED

N. Y., New York — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., 48 in. steel pipe line from Milburn Pumping Station to 72 in. line at Baldwin, to Beaver Eng. & Contg. Co., 57 Chamber St., $47,282. Noted Dec. 17.

Va., Staunton—W. F. Day, city mgr., North River Extension, Contr. 5 of Staunton Waterworks, to Pace Constr. Co., Roanoke. Noted Dec. 10.

Miss., Biloxi—See "Streets and Roads."

O., Cleveland—Concrete substructure for 61 x 113 ft. pump house, 1,125 ft. suction tunnel, 10 ft. diam. and concrete screen wall, 35 ft. diam., to Amer. Constr. Co., Marion Bldg., Cleveland, $309,160. Noted Dec. 17.

Wis., Eau Claire—O. E. Oien, city clk., plans to purchase in January, c.i. mains and lay same by own forces in spring. $15,000.

Okla., Tuttle—New waterworks, to Gantt-Baker Co., 1116 West Main St., Oklahoma City, $33,876. Noted Sept. 24.

Calif., Newport Beach—For 3 m.g. rein.-con. reservoir, to Bowman & Preble, Santa Ana, $32,333.

Sewers

PROPOSED WORK

Mass., Malden (br. Boston)—Voted $300,000 bonds drainage work. Engineer not selected.

Conn., Hartford—Plans 1,000 ft. culvert to eliminate odors of open drainage on property House Good Shepherd, Sisson Ave. $35,000. R. N. Clark, city engr.

N. C., Durham—Soon takes bids 25 mi. 8- to 12-in. sewers in various streets. H. W. Kueffner, Durham, engr.

N. C., Fayetteville—See "Waterworks."

N. C., Four Oaks—See "Waterworks."

N. C., Raleigh—City Comrs. authorized sale $200,000 bonds, new outfall and extending sewerage system. C. C. Page, comr. Pub. Wks.

Fla., Kissimmee — Election Jan. 2 (extended date), $267,000 bonds sanitary and $128,000 bonds, storm sewers in various streets. Noted Nov. 19.

La., Slidell—Voted $175,000 bonds, sewerage and waterworks systems. A. D. Canuletta, mayor. Noted Dec. 3.

O., Canton — Bd. Control takes bids in spring, sanitary sewers in 4th St. S. E., Downing Court N. E., and 20th St. N. E. $60,000. W. E. Sarver, city engr.

O., Washington C. H.—Plans sewerage system and disposal plant. Engineer not selected.

Ill., Hinsdale — Probably takes bids in spring 35,000 ft. 18- to 48-in. sewers, etc., in various streets. Randolph-Perkins Co., 1210 1st Natl. Bank Bldg., Chicago, engrs.

Tex., Beaumont — Voted $200,000 bonds sewer extension and improvements. R. C. Black, city engr. Noted Nov. 19.

Tex., Brady — Making plans sewerage system. $100,000. E. A. Burrows, Brady, engr. Nagle, Witt & Rollins Co., c/o Santa Fe Bldg., Dallas, associated engrs. Noted Dec. 3.

Tex., Celeste—See "Waetrworks."

Tex., Ennis—See "Streets and Roads."

Tex., Lampasas — Making plans sewers in various streets. $35,000-$45,000. Municipal Eng. Co., Praetorian Bldg., Dallas, engrs.

Tex., Nacogdoches—J. Thackwell, engr., Lufkin, soon takes bids sewerage system, incl. Orin Hill, Shawnee St., and Northmound addition to teachers college, for City. $25,000.

Tex., San Angelo — Making plans activated sludge type sewage disposal plant. $225,000. V. G. Koch, city engr.

Okla., Chickasha—Election Jan. 15, $40,000 bonds, 9,500 ft. 48 in. segmental block sewers in business section. R. O. Bradley, Chickasha, engr.

Calif., Fullerton—Made plans La Habra Outfall Sewer, 3,837 lin.ft. 18 in. vitr. or 3,837 lin.ft. 18 in. concrete pipe, 2 mi. 16 in. rein.-con. pressure pipe line, pumps, valves, etc.

Calif., Long Beach—Made plans sewers in Storm Drain Dist. 8, 1.46 mi. of tunnel outfall, 100,347 ft. 10- to 63-in. pre-cast concrete pipe, etc. $800,000. R. D. Van Alstine, city engr. H. Paterson, City Hall, sanitary engr.

Calif., Los Angeles—Making plans rein.-con. storm drains and cement pipe drains in portions of Melrose, Citrus, Sycamore Aves., etc. To exceed $25,000. J. C. Shaw, City Hall, engr.

BIDS DESIRED

N. Y., New York—Dec. 29, by H. Bruckner, pres. Bronx Boro, Crotona Park, Tremont and 3rd Aves., sewers in West 251st St.; Astor and Radcliff Aves., Waring and Laconia Aves., Wickham, Hobart, Provost, Astor, Waring, and Napier Aves.

Fla., Fort Pierce — See "Excavation, Drainage, Irrigation, Levees, River and Harbor."

Fla., Miami—Dec. 28, by City Comn., at office H. E. Ross, city clk., sewers and lateral sewer connections, in Sewer Dists. 155 to 158 and 160 to 164 (inclusive), and in Sewer Lateral Dists. 4 to 9 (inclusive); adv. E. N.-R. Dec. 24.

Ky., Ft. Thomas—Jan. 7, at office R. R. Pyne, city engr., City bldg., 53,000 ft. 6- to 15-in. sewers, etc. Whitman, Requardt & Smith, consult. engrs.; adv. E. N.-R. Dec. 24.

O., Akron — Jan. 28, at office W. F. Peters, dir. Pub. Serv., Municipal Bldg., sewage treatment plant, etc.; adv. E. N.-R. Dec. 24.

Wis., Beaver Dam — Jan. 4, by W. A. Gergen, city clk., extending sewerage system in 9 streets, 12,714 ft. 8- to 15-in. vitr. pipe, 3,096 ft. tunnel work, 20- to 50-ft. deep, 27 manholes, etc. To exceed $25,000. E. B. Parsons, Jefferson, engr.

Wis., Milwaukee—Dec. 28, at office Dept. Pub. Wks., R. E. Stoelting, comr., storm sewer in 3 sections in 26th St. and 26th St. extended from North Menomonee Canal to point north of Cherry St., etc. L. M. Koteckl, comptroller.

Wis., Milwaukee — Dec. 30, by J. H. Fowles, secy. Metropolitan Sewerage Comn.,

Sewers (Continued)

508 Market St., two 5,000 g.p.m. motor driven, float controlled centrifugal pumps, for Mud Creek Law Level Sewage booster station.

Calif., Glendale — Dec. 31, by City Trustees, 68,637 lin.ft. 8 and 10 in. vitr. pipe, 126 lin.ft. 8 and 10 in. vitr. pipe encased in concrete, c.i. water pipe, wyes, etc., in Lateral Sewer Dist. 2 (North Central Section). J. F. Johannsen, city engr. Noted Dec. 17.

Calif., Victorville—Directors Victorville Sanitary Dist., taking bids 15,000 lin.ft. 8- to 14-in. concrete sewer, etc., in various streets. To exceed $25,000.

BIDS RECEIVED

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., Dec. 17, sewer, etc. in Mary St. from Peace Bros., Inc., 57 Lawrence St., Flushing, $1,929; and in 135th St. from Gifford Constr. Co., Fulton St., Jamaica, $8,923. Noted Dec. 10.

N. Y., New York—J. Miller, pres. Manhattan Boro, Municipal Bldg., Dec. 18, sewer in Thayer St. and under sidewalk at East 57th St. and 1st Ave., from J. V. Timoney Constr. Co., 220 East 201st St., $16,408 and $1,417 respectively. Noted Dec. 17.

CONTRACTS AWARDED

Pa., Millvale — Boro Council sanitary trunk sewer in Main St., to M. O. Herron & Co., Millvale, $48,477.

Md., Baltimore—Bd. Awards, 25,100 lin. ft. 5- to 15-in. vitr. sewer in Dist. G-13, Contr. 229, to J. J. Bresnan, Woodland Ave., Baltimore, $79,236. Noted Dec. 3.

Fla., Miami—Constructing 6,400 ft. 10- to 36-in. vitr. clay sewers, etc., in Bayshore Dr., Dist. S. R. 128-A, to J. B. McCrary Co., Citizens & Savings Bank Bldg., Atlanta, Ga., $17,648. Noted Dec. 10.

Miss., Biloxi—See "Streets and Roads."

O., Akron—W. F. Peters, dir. Pub. Serv., Hawkins Ave. Trunk 2, 3,800 ft. 36 in. vitr. clay pipe, to McAlonan Bros., 506 Woodland Ave., $153,550, engrs. est. $136,000; Hawkins Ave. Trunk 3, 5,000 ft. 30 in. vitr. clay pipe, to F. George, 1657 Mahoning Ave., Youngstown, $104,324, engrs. est. $138,000. Noted Dec. 3.

Kan., St. Marys—Sanitary sewerage system and sewage ejector station, Imhoff tank, sludge bed, etc., to Reed & Wheelock, Clay Center. Engrs. est. $50,000.

Calif., Los Angeles — A. S. Soule, secy. Los Angeles Co. Sanitation Dist. 1, Huntington Park Trunk Sewer, 18,803 ft. 12- to 24-in. vitr. pipe, etc., to J. Chutuk, Wilcox Bldg., $71,496.

Calif., Oakland — To Fredrickson & Watson, 354 Hobart St., sewers in portions of 94th Ave., etc. (Elmhurst Storm Sewer), 2,976 ft. 5 x 10 ft. concrete culvert $20.90 per ft. 2,790 ft. 8 in. vitr. pipe $1.25, etc., total $69,210.

Calif., Pomona — Constructing activated sludge sewage disposal plant, to Oberg Bros., 3470 Hollenbeck Ave., Los Angeles, $94,357.

Waste Disposal

PROPOSED WORK

Okla., Enid—City takes bids about Mar. 1, 20 ton garbage incinerator. $25,000. F. C. Magruder, City Hall, engr. Noted Sept. 24.

Bridges

PROPOSED WORK

W. Va., Morgantown — Monongalia Co. takes bids in January, 600 ft. steel and concrete bridge, 41 ft. over Deckers Creek Ravine. $110,000. A. J. Baritell, co. engr.

Fla., Kissimmee—Election Jan. 2 (extended date), $30,000 bonds, concrete bridge on Neptune Rd. Noted Nov. 19.

Wis., Racine—H. A. Nelson, comr. Pub. Wks., making plans 90 ft. steel bascule bridge, 60 ft., on Main St. $284,000. Strauss Bascule Bridge Co., 225 North Michigan Blvd., Chicago, Ill., engrs. Noted Nov. 19.

Wis., Sheboygan — See "Streets and Roads."

Kan., Columbus—Cherokee Co. making preliminary plans Brush Creek Bridge, 150 ft. rainbow arch span, with 20 ft. roadway, on Federal Aid Project 255-B, also 20 ft. slab bridge on same road over Long Branch Creek, 20 ft. H. W. Tyrell, co. engr. Kansas Eng. Co., 601 Kansas Ave., Topeka, engrs.

Tex., Carthage—See "Streets and Roads."

Tex., Clarksville — See "Streets and Roads."

Tex., Crockett—See "Streets and Roads."

Tex., Eastland—See "Streets and Roads."

Tex., Henderson — See "Streets and Roads."

Tex., La Grange — See "Streets and Roads."

Tex., Seymour—See "Streets and Roads."

Tex., Waxahachie — See "Streets and Roads."

Okla., Chickasha—Election Jan. 15, $25,000 bonds 3 span 90 ft. steel I-beam bridge on concrete piers over Line Creek. R. O. Bradley, Chickasha, engr.

BIDS DESIRED

Mich., Dearborn — Jan. 4, by M. A. Stevens, clk. Dearborn Twp., 70 ft. concrete T-beam bridge, 24 ft. over River Rouge, at Brady St. To exceed $25,000. R. H. Erley, Dearborn, engr.

Mich., Wyandotte — Dec. 29, by E. C. Bryan, clk., reni.-con. I-beam bridge over Ecorse Creek, on Emmons Blvd. $25,000. M. L. Brown & Son, 407 Capitol Theatre Bldg., Detroit, engr.

Wis., Milwaukee—Dec. 30, by Dept. Pub. Wks., R. E. Stoelting, comr., new pile and concrete bridge abutment and timber protection pier at Cherry St. $25,000. M. C. Cutler, City Hall, engr. Noted Dec. 17.

Kan., McPherson — See "Streets and Roads."

Kan., Ottawa—Jan. 9, by Clerk Franklin Co., Lane Bridge, one 136 ft. and two 68 ft. spans, 20 ft. wide, on Federal Aid Project 304-B, 316 cu.yd. dry and 28 cu.yd. rock excav., 30,248 lb. reinforcing, 285,185 lb. structural steel, 4,170 lb. steel and 1,120 lb. iron castings, etc. E. C. L. Wagner, 609 Kemper Bldg., Kansas City, Mo., consult. engr. E. F. Loveless, Court House, co. engr.

Texas and Oklahoma—Jan. 18, by E. P. Walsh, aud. Wichita Co., Wichita Falls, Tex., and J. M. Page, highway engr., Capitol Bldg., Oklahoma City, Okla., rein.-con. bridge over Red River, between Burkburnett, Tex., and Randlett, Okla., Texas-Oklahoma Federal Aid Project 491; adv. E. N.-R. Dec. 24.

Tex., Boston—See "Streets and Roads."

Tex., San Antonio—Dec. 28, by I. Ewig, city engr., 1 span, 85 ft. rein.-con. and steel bridge, 55 ft. across San Antonio River, on 4th St., for City. $40,000.

Colorado—See "Streets and Roads."

Arizona — Jan. 18, by W. C. Lefebvre, highway engr., Phoenix, Gillespie Dam Highway Bridge, rein.-con. and steel, on Federal Aid Project 64-B, Schedule B; adv. E. N.-R. Dec. 24.

BIDS RECEIVED

Delaware — State Hy. Dept., Dover, bridge over Broadkill Creek, Contr. 53A, from Kaufman Constr. Co., Phila., Pa., $28,022. Noted Dec. 3 under "Streets and Roads."

North Carolina—State Hy. Dept., Raleigh, Dec. 8, rein.-con. bridges, etc., on Project 755, Stokes Co., from J. M. Gregory & Co., Spartanburg, S. C., $81,363; on Project 6610, Richmond Co., and Project 348 Cumberland Co., from J. S. Bowers, Whiteville, $32,109 and $28,061 respectively; on Project 605, Alexander Co., from Kiker & Yount, Reidsville, $31,835. Noted Nov. 26.

Kan., Stockton—Rooks Co., six 40 ft. deck girder and one 140 ft. steel span bridge, on Federal Aid Project 259-B, from Missouri Valley Bridge & Iron Co., Pennsylvania Ave., Leavenworth, $39,355.

Missouri—State Hy. Dept., Jefferson City, Dec. 11, from Troy Constr. Co., Troy, three 20 ft. rein.-con. slab spans, etc., over Whitcomb Branch, Lincoln Co. $4,421, from Kelly & Underwood, Granby, two 8 ft. rein.-con. slab spans, etc., over creek, Clark Co. $1,331, three 12 ft. rein.-con. slab spans, etc., over Dry Angloize Creek, Laclede Co. $2,647; from Humphreys & Stebbins, Fredericktown, one 12 ft. rein.-con. slab span, etc., over drainage ditch, Stoddard Co. $826, one 40 ft. rein.-con. deck girder, two 23 ft. and two 20 ft. rein.-con. slab spans, etc., over Missouri Pacific R.R. tracks $10,986, and two 40 ft. rein.-con. deck girder spans, etc., over Reed Creek $5,847, both in Iron Co.; from F. Kersting Co., Jefferson City, two 10 ft. rein.-con. slab spans, etc., over McVey Branch, $3,333, two 10 ft. rein.-con. slab spans, etc., over Barnett Branch, $2,415, both in Laclede Co., one 45 ft. rein.-con. deck girder span, etc., over Holt Creek, Dent Co. $5,930; from Thomas & Johnston, Doniphan, two 24 ft. rein.-con. slab spans, etc., $3,569, one 30 ft. rein.-con. deck girder span, etc., $6,106, both over drainage ditch, all foregoing in Stoddard Co.; from F. O'Dell, Hannibal, two 12 ft. rein.-con. slab spans, etc., over creek $3,145, three 20 ft. rein.-con. slab spans, etc., over Pine Run $3,892, three 35 ft., rein.-con. deck girder spans, etc., over Buck Run $7,[illegible]6, all foregoing in Clark Co.; from E. Euler, Maysville, two 10 ft. rein.-con. slab spans, etc., over Dry Hollow, Wright Co. $1,9[illegible]1, four 35 ft. rein.-con. deck girder spans, etc., over Bryant Creek, Douglas Co. $9,2[illegible]; from M. E. Gillioz, Monett, one 50 ft. rein.-con. deck girder span, etc., over Prairie Hollow, Wright Co. $7,265, one 40 ft. rein.-con. deck girder and two 20 ft. rein.-con. slab spans, etc., over stream, Benton Co. $4,718, one 40 ft. rein.-con. deck girder span, etc., over Arthur Creek, Texas Co. $4,769, thirteen 20 ft. I-beam spans, etc., over overflow of Black River, Butler Co. $13,209, one 80 ft. steel truss and three 20 ft. rein.-con. deck girder spans, etc., over Goodwin Hollow, Laclede Co. $14,352; from Summerfield Jones Co., Billings, three 20 ft. rein.-con. slab spans, etc., over drainage ditch $5,899, three 18 ft., rein.-con. slab spans, etc., over drainage ditch $5,925, three 24 ft., rein.-con. slab spans, etc., over D. D. 25 $6,665, three 25 ft. rein.-con. deck girder spans, etc., over D. D. 2 $6,591, one 40 ft. and two 30 ft. rein.-con. deck girder spans, etc., over D. D. 16 $8,849, one 120 ft. steel truss and thirty 40 ft. rein.-con. deck girder spans, etc., over Black River $110,449, all in Butler Co.; from C. P. O'Reilly & Co., Wainwright Bldg., St. Louis, two 20 ft. rein.-con. slab spans, etc., over Big Creek, Clark Co. $3,455, one 24 ft. rein.-con. slab and one 35 ft. rein.-con. deck girder spans, etc., over Breton Creek $4,883, one 80 ft. steel truss and seven 20 ft. rein.-con. slab spans, etc., over Cedar Creek $13,722, three 80 ft. steel truss, and three 40 ft. rein.-con. deck girder spans, etc., over Big River, $28,013, all foregoing in Washington Co.; from Novaculite Constr. Co., Marion, Ill., one 40 ft. and one 50 ft. I-beam spans, etc., over drainage ditch, Stoddard Co. $4,399; from Cameron-Joyce Co., Keokuk, Ia., one 80 ft. steel truss and four 40 ft. rein.-con. deck girder spans, etc., over Henry Creek, Clark Co. $19,108; from McCarthy Impvt. Co., Davenport, Ia., extending, repairing, etc., one 120 ft. steel truss and two 24 ft. rein.-con. slab spans, etc., over drainage ditch, Stoddard Co. $4,794; from R. L. Williams, Charleston, extending, widening, etc., one 30 ft. I-beam and one 50 ft. steel truss spans, etc., over drainage ditch, Scott Co. $1,668, one 34 ft., one 35 ft., one 40 ft., and one 44 ft. I-beam spans, etc., over drainage ditch, Stoddard Co. $5,800, one 35 ft., and two 40 ft. I-beam and one 50 ft. steel truss spans, etc., over ditches, New Madrid Co., $12,246. Noted Dec. 3.

CONTRACTS AWARDED

North Carolina—State Hy. Comn., Raleigh, rein.-con. bridges, etc., on Project 241, Johnston Co., to J. L. Brinkley & Son, Thomasville, $25,575 Noted Nov. 26.

South Carolina — State Hy. Dept., Columbia, rebuilding temporary untreated timber bridge over Broad River, State Route 2, Richland Co., destroyed by fire, to E. L. and W. B. Summersett, Columbia. $28,146.

South Carolina—State Hy. Dept., Columbia, open spandrel rein.-con. bridge over Congaree River, on State Route 2 and 12, Federal Aid Project 251, Richland and Lexington Counties, to Hardaway Contg. Co., Columbus, Ga., $498,576. Noted Nov. 19.

Dam

PROPOSED WORK

Tex., Kerrville — Election soon $80,000 bonds concrete dam, 22 ft. high. W. E. Simpson & Co., Natl. Bank of Commerce Bldg., San Antonio, engrs.

Railways

CONTRACTS AWARDED

West Virginia—Norfolk & Western Ry. Co., Roanoke, Va., E. P. Wiltsee, ch. engr., buildings and shop facilities, at Williamson, here, to J. Pettyjohn & Co., Lynchburg, Va., and H. A. Lucas, Bluefield; grading and masonry on yard extension, 1,000,000 cu.yd. excav., 3,000 cu.yd. rein.-con. masonry, to H. M. Waugh, Bluefield. Above work together with about 20 mi. additional track in yard, about $2,500,000.

Washington — Great Northern Ry. Co., 5th and Jackson Sts., St. Paul, Minn., constructing 8.5 mi. railroad tunnel through Cascade Mts. at Berne, here, to A. Guthrie & Co., 1209 Builders Exch. Bldg., St. Paul, Minn. Total approximately $8,000,000.

Excavation, Drainage, Irrigation, Levees River and Harbor

PROPOSED WORK

Mass., Charlestown (Sta. Boston)—Caster, Curran & Bullett, Inc., 131 State St., Boston, plans bulkhead, pier, fill solid and dredge in Mystic River, here. $25,000.

Fla., West Palm Beach—Palm Beach Co. election Jan. 5, $3,250,000 bonds, improving Lake Worth Inlet.

La., Lake Charles — Voted $300,000 bonds, for drainage work, also $20,000 bonds parks and $10,000 bonds walks.

Tex., Dilley — Dilley-Pearsall Water Impvt. Dist., Frio Co., voted $50,000 bonds, preliminary surveys, etc. irrigating 50,000 acres. G. H. McCandless, Melon, pres.

Tex., Donna — Donna Irrigation Dist., Hidalgo Co. 1, made plans cleaning out canals, purchasing dredge, pumps and expending $175,000 for drainage facilities. Total $580,000. A. Tamm and W. F. Shaw, Mercedes, engrs. Noted Sept. 3.

Tex., Edinburg—Election Dec. 28, $75,000 bonds, 12 mi. irrigation canals, etc.. Address I. G. Cook, pres. Hidalgo Co. Water Impvt. Dist. 3, Edinburg.

Tex., Freeport—Brazoria Co. and Brazos River Harbor Assn. voted $1,000,000 bonds, developing deep water in all of county west of Chocolate Bayou. Total $1,500,000. Government appropriates $500,000 towards cost. Noted Nov. 26.

Tex., McAllen — Water Dist. 3, Hidalgo Co., election Dec. 28, $75,000 bonds, irrigation improvements, incl. 60,000 ft. concrete canals, gates, etc.

Calif., Placerville — El Dorado Irrigation Dist. making plans irrigating 32,000 acres, earth and concrete reservoirs, distributing system, etc. J. Spink, 4409 Solano Ave., Sacramento, engr.

Calif., Ravendale — Red Rock Irrigation Dist. plans election $175,000 bonds, for canals, 146,200 cu.yd. excav., and raising some rock and earth fill dams. B. Y. Lyons, Ravendale, engr. T. H. Means, 369 Pine St., San Francisco, consult. engr.

BIDS DESIRED

N. Y., Buffalo—Jan. 12, by Dept. Pub. Wks., Municipal Bldg., completing Sect. 4, Buffalo River and Cazenovia Creek Improvement from point about 700 ft. west of Cazenovia St. to west street line same street; adv. E. N.-R. Dec. 24.

N. Y., St. George—Dec. 28, by M. Cosgrove, comr. Docks, Pier "A," foot of Battery Pl., New York City, dredging north side Pier 6, at Arrietta St., here, Contr. 1870.

Fla., Fort Pierce — Jan. 27, by C. C. Burry, city aud.-clk., fill, rein.-con. and untreated timber pile bulkheads, and sanitary sewers, etc. W. A. Smith, mgr.; adv. E. N.-R. Dec. 24.

BIDS RECEIVED

Wis., Milwaukee — Harbor Comn., E. Bruncken, secy., Dec. 16, reinforcing with additional anchorage and piling, approximately 1,375 ft. revetment, along west side Jones Island, from S. M. Siesel Co., 160 Ogden Ave., $80,727. Noted Dec. 10.

Calif., Blythe — Palo Verde Irrigation Dist., from D. A. Foley, Wright-Callendar Bldg., Los Angeles, approximately 24 mi. irrigation canals, 81,500 cu.yd. excav. $0.15 per cu.yd., 81,200 cu.yd. $0.15, 60,000 cu.yd. $0.15, 116,000 cu.yd. $0.19, etc.; also clearing and excavation for river cut, 100,000 cu.yd. excav. $0.13, and 40 acres clearing, $40. Noted Dec. 17.

CONTRACTS AWARDED

Mass., Charlestown (Sta. Boston)—Wiggin Terminals, Inc., 50 Terminal St., dredging for lumber terminal, Mystic River, Medford St., to Bay State Dredging & Contg. Co., 62 Condor St., East Boston, and Gerrish Dredging Co., 101 Tremont St., Boston.

West Virginia—See "Railways."

Ill., Murphysboro — Comrs. Big Lake Special D. D., Jackson Co., 470 cu.yd. excav., etc., to N. J. Cole, c/o Chairman of District, at $0.13 per cu.yd. Noted Nov. 5.

Streets and Roads

PROPOSED WORK

Mass., Cambridge (Boston P. O.)—City Council voted $75,000 widening Church St. Engineer not selected.

N. J., New Village—Warren Co. plans concrete paving 1 mi. Morris Pike. H. W. Vetter, Belvidere, engr.

Pennsylvania—State Hy. Dept., Harrisburg and Comrs. Northampton, Co. (Easton), plan improving 2 mi. highway between Delaware River and Portland. $80,000.

Pa., Millvale — Boro Council soon takes bids brick repaving Lincoln Ave. $46,655. T. D. Burns, clk.

W. Va., Morgantown — Monongalia Co. plans election $420,000 bonds improving 13 mi. various roads in Grant Dist. A. J. Baritell, Morgantown, co. engr.

N. C., Raleigh—City Comrs. authorized sale of $1,000,000 bonds continuing paving program. C. C. Page, comr. Pub. Wks.

Fla., Crystal River — Takes bids about Feb. 1, grading, curbing, guttering and sheet asphalt on rock paving various streets. $600,000. E. V. Camp and associates, Inverness, engrs.

Fla., Lake City—Columbia Co., election Dec. 22, $500,000 bonds, paving State Rd. 5-A and 28, and hardsurfacing from Lake City to Georgia state line.

Fla., Marianna—See "Waterworks."

Fla., Wildwood—See "Waterworks."

La., Crowley—Police Jury Arcadia Parish election soon $240,000 bonds, graveling 30 mi. roads in 4th Ward. Address Secretary.

O., Canton — Bd. Control takes bids in spring improving 0.5 mi. Vassar Ave., 40 ft. $30,000. W. E. Sarver, Canton, engr.

O., Canton—Coms. Stark Co. take bids in spring improving 2 mi. Canton-Magnolia Rd., 16 ft., $45,000-$50,000; also 2.75 mi. Greentown-Cairo Rd., 18 ft., $75,000. A. M. Wise, Canton, engr.

O., Cleveland—Cuyahoga Co. takes bids in spring paving 9.9 mi. Brecksville Rd., $650,000; and 3.5 mi. Turney Rd., $500,000, both 24 ft. F. Lander, Court House, engr.

O., Cleveland—Cuyahoga Co. takes bids in spring paving 4.04 mi. Kinsman Rd. from Shaker Heights to South Kinsman Rd., 24 ft., $310,000; 0.6 mi. Kinsman Rd. from Falls River to Geauga Co. line, 18 ft., $50,000; 3 mi. North Woodland Rd., 24 ft., $195,000; and 8 mi. Mayfield Rd., 2 strips 19 ft. each, $977,000. F. Lander, Court House, engr.

O., Cleveland—Cuyahoga Co. takes bids in spring paving and repaving 8.959 mi. South Miles Rd., $582,335; paving 6.331 mi. North Miles Rd., $415,000; and 9 mi. Warrensville Center Rd., $2,000,000, all 24 ft. F. Lander, Court House, engr.

O., Youngstown—Comrs. Mahoning Co., take bids in spring concrete widening 4 mi. Sebring-Alliance Rd. $50,000.

Ill., East St. Louis — Soon takes bids grading, curbing and hardsurfacing 8th St. from Bay to Bond St, $34,500. W. McK Brown, City Hall, engr. Noted Aug. 20.

Ill., Sycamore—Soon takes bids curbing, guttering and 7 in. rein.-con. paving 18,750 sq.yd. Exchange and other streets. $80,909. W. M. Hay, DeKalb, engr.

Wis., Sheboygan—Sheboygan Co., G. W. Ubbelohde, comr., making plans improving various roads and constructing various bridges. $425,200.

Wis., Viroqua—Vernon Co., A. Ristow, highway comr., voted $400,000 bonds, crushed stone surfacing 67.34 mi. various State Trunk Highways during 1926, 1927 and 1928. Total $985,000. State and Federal Aid appropriated toward cost.

Ia., Des Moines — Soon takes bids asphalt, Willite asphalt, asphaltic concrete, Warrenite, vibrolithic and various types of concrete paving 6,219 sq.yd. 14th Pl., 2,821 sq.yd. School St., 1,677 sq.yd. Southwest 13th St., and 1,430 sq.yd. Center St. K. C. Kastberg, City Hall, engr.

Kan., Erie—Neosho Co. soon takes bids grading and concrete or brick paving 2.656 mi. King of Trails Rd., 18 ft. C. P. Donald, Court House, and Kansas Eng. Co., 601 Kansas Ave., Topeka, engrs. Noted Sept. 24.

Kan., McPherson—McPherson Co. soon takes bids grading 7.817 mi. Federal Aid Project 278-A, also two 18 ft. span slab bridge, 28 ft., one 60 ft. span steel bridge, 20 ft., and one 40 ft. span steel bridge, 40 ft. G. D. Johnson, Court House, engr.

Mo., Webb City—Plans election in spring $150,000 bonds, paving various streets. F. R. Hodgdon, City Hall, engr.

Tex., Beaumont—Voted $400,000 bonds paving various streets. R. C. Black, city engr. Noted Nov. 19.

Tex., Carthage — Panola Co. making plans grading and bridging 5.09 mi. State Highway 8-A from Gary to State Highway 8, 26 ft. $35,685. D. E. Martin, Carthage, co. engr.

Tex., Clarksville — Red River Co. made plans grading, gravel surfacing and bridging 8 mi. State Highway 5 between Avery and Annona, 12 ft. $65,000. M. P. Homeyer, Clarksville, resident engr.

Tex., Crockett — Houston Co. making plans grading and bridging 7.068 mi. State Highway 19, Federal Aid Project 485-B, 26 ft. $50,000. F. J. Von Zuben, Crockett, co. engr.

Tex., Eastland — Eastland Co. making plans grading and bridging 3.69 mi. State Highway 23, State Aid Project 655-A, 26 ft. $140,000. G. E. Franklin, engr.

Tex., Ennis — Election Dec. 31, $60,000 bonds, paving and sewers in various streets. G. C. Sanderson, secy.

Tex., Floydada — Voted $75,000 bonds, paving streets in business district. Gantt-Baker Co., 1116-18 Main St., Oklahoma City, Okla., engrs. Noted Dec. 10.

Tex., Georgetown—Voted $45,000 bonds paving various streets. J. M. Sharpe, Georgetown, mayor. Noted Nov. 12.

Tex., Hallettsville — Lavaca Co. voted $175,000 bonds hardsurfacing about 11 mi. highway. State and Federal Aid expected. W. H. Koether, Hallettsville, co. engr. Noted Dec. 3.

Tex., Henderson—Rusk Co. making plans grading and bridging 3.2 mi. State Highway 64, Chapman to Panola Co. line, 26 ft. $30,000. C. R. Newton, Henderson, co. engr.

Tex., Henderson — Rusk Co. making plans grading, bridging and gravel surfacing 5 mi. Mt. Enterprise Timpson Rd., 16 ft. $40,000. C. R. Newton, Henderson, engr.

Tex., Hereford — Election soon $75,000 bonds paving 50 blocks various city streets. Total $200,000. Engineer not selected.

Tex., La Grange — Fayette Co. making plans grading, bridging and gravel surfacing 7 mi. State Highway 71 from La Grange to Ellinger Rd., 18 ft. $90,000. R. E. Schiller, La Grange, co. engr.

Tex., Seymour — Baylor Co. soon takes bids bituminous macadam on concrete paving 13.68 mi. State Highway 30, Federal Aid Project 452-A, Unit 2, 18 ft. $360,000. J. G. Rollins, resident engr.

Tex., Seymour—Baylor Co. making plans grading and bridging 20.6 mi. Highway 24. $65,000. J. G. Rollins, Seymour, engr.

Tex., Waxahachie—Ellis Co. soon takes bids grading and bridging 4.17 mi. State Highway 6, Federal Aid Project 487-C, 26 ft. $26,475. W. A. Spalding, Waxahachie, co. engr.

Idaho, Nampa—Election in January $50,000 bonds grading, gravel surfacing, etc., various streets. G. Meffan, mayor.

California—State Hy. Comn., Sacramento, rescinded contract grading and graveling 3.8 mi. road between point 4 mi. west of Bieber and Bieber, Lassen Co. Noted Oct. 22.

Calif., Huntington Beach—Making plans grading, curbing, ornamental street lighting system, Topeka surfacing on asphaltic concrete paving, etc., 13th St., etc. To exceed $25,000.

BIDS DESIRED

N. Y., New York—Dec. 29, by H. Bruckner, pres. Bronx Boro, Crotona Park, Tremont and 3rd Aves., grading, curbing, etc., East 214th St., Underhill, Puritan, Thieriot, Hobart and Harrington Aves.

Virginia — Jan. 6, at office State Hy. Dept., Richmond, improving roads and building bridges on Route 31, Sect. F-71-A, Fairfax Co.; Route 10, Sects. F-132-D and E, Montgomery Co.; Route 35, Sects. F-145-H and J, Sussex Co.; Route 34, Sect. F-181, Accomac Co.; Route 31, Sect. F-182-B, Prince William Co. Route 116, Sect. S-354-B, Lee Co.; Route 31, Sect. F-358-J, Caroline and Hanover Counties; Route 31, Sect. 372-C, Spotsylvania and Caroline Counties; Route 14, Sect. F-375, Alleghany Co.; and Route 17, Sect. S-3910, Bath Co. C. S. Mullen, ch. engr.; adv. E. N.-R. Dec. 24.

Fla., Tampa — Jan. 5, by City Comn., vitr. paving Impvt. 159, $30,000, and Impvt. 157 and 158, $35,000; sidewalks in Dists. 163 and 165, $30,000. W. E. Duncan, city clk.

Ala., Birmingham — Jan. 20, by City Comn., asphalt on concrete paving 5 blocks 2nd Ave. from 80th to 85th Sts., 60 ft. $59,050, 9 blocks 2nd Ave. from 68th to 77th Sts. S, 60 ft. $35,000, and 3 blocks Court Y, Avenue Z and 29th St. (Ensley), 40 ft. $25,100; asphalt paving 1 block Woodland Ave., 40 ft. $900, and 6 blocks 41st Alley S, 20 ft. $1,935. Address City Engineer.

Miss., Gulfport—Jan. 5, by Bd. Supervs. Harrison Co., Warrenite bitulithic paving 8 mi. Magnolia Highway, 9.93 mi. Magnolia Route, 7,000 ft. Old Spanish Trail, 10,160 ft. Pass Christian Rd. in Biloxi and furnishing, etc. 59,000 sq.yd. gravel. W. S. Hawkins, Gulfport, co. engr.

Louisiana — Jan. 7 (extended date), by State Hy. Comn., Baton Rouge, graveling 14.33 mi. Eunice-Elton Highway, Federal Aid Project 163, Evangeline and Jefferson Davis Parishes. W. B. Robert, highway engr. Noted Dec. 3.

La., Gretna — Dec. 28, by Police Jury Jefferson Parish, grading and bituminous on 5 in. concrete or block paving 3.66 mi.

Streets and Roads (Continued)

Metairie Ridge-Shrewsbury Highway (Dist. 1). F. T. Payne, Jefferson Trust & Savings Bank Bldg., engr. Noted Nov. 26.

O., East Cleveland (Cleveland P. O.)—Dec. 28, by City, paving and repaving Hayden, Stralkmore, Nela, Kirke, Carlyon Rds. To exceed $25,000. M. Garnett, City Hall, engr.

Ind., Plymouth — Jan. 5, by J. Hildebrand, engr., Plymouth, grading and graveling 7.5 mi. Claybough Rd., 26 ft., for Marshall Co. $43,225. Noted Dec. 17.

Wis., Sheboygan — See "Contracts Awarded."

Kan., Belleville — Dec. 30, by Clerk Republic Co., grading and concrete or brick paving, etc. 5,488 sq.yd. Federal Aid Project 272-C. Noted Nov. 5.

Tex., Boston — Bowie Co. taking bids grading, bridging and gravel surfacing Highway 98, 16 ft. $40,000. F. E. Hess, Boston, engr. Noted Oct. 1.

Tex., Wichita Falls—Taking bids and open same about Jan. 1, permanent paving 20 blocks Marsh, Ave. F, Park St. and Municipal Park Rd. $60,000. F. M. Rugeley, city engr.

Okla., Oklahoma City—Dec. 28, by W. A. Jackson, clk. Oklahoma Co., vertical fibre brick surfacing 4,200 sq.yd. Highway 6. $25,000. R. S. James, Court House, engr.

Colorado—Dec. 29, by State Hy. Dept., Denver, gravel surfacing 3.877 mi. Federal Aid Project 213-D, La Plata Co.; grading 5.772 mi. Federal Aid Project 279-C, Jefferson and Park Counties; sand surfacing 6.856 mi. Federal Aid Project 278-B, Lincoln Co.; 250 ft. steel bridge and approaches on Federal Aid Project 282-A, Moffat Co., 293,000 lb. steel. L. D. Blauvelt, State Office Bldg., engr.

Arizona — Dec. 28, by W. C. Lefebvre, highway engr., Phoenix, improving Safford-State Line Highway, Federal Aid Project 88-A, 14,000 cu.yd. roadway, 20,000 cu.yd. borrow and 600 cu.yd. structural excav., 6,400 cu.yd. ditches and channels, 1,300 sta.yd. overhaul, 3,450 lbs. reinforcing, etc., for State Hy. Dept., Phoenix.

Arizona — Jan. 4, by W. C. Lefebvre, Phoenix, highway engr., improving Prescott-Ashfork Highway, Federal Aid Project 62-B, 36,600 cu.yd. approach fill, 177,000 cu.yd. overhaul ,2,000 cu.yd. surfacing overhaul, 29,000 lb. reinforcing, etc.; also grading and paving 10,560 sq.yd. various streets, in Globe, for State Hy. Dept., Phoenix.

Calif., Mill Valley—Dec. 30, by W. Falley, town clk., improving Cascade Dr., 14,-197 cu.yd. grading, 46,000 sq.ft. concrete paving, 70,400 sq.ft. 2 in. asphaltic concrete and 16,640 sq.ft. 1½ in. asphaltic concrete surfacing, etc. $50,000. J. C. Oglesby, town engr. Noted Oct. 29.

Calif., San Diego — Jan. 4, by Common Council, improving Harrison Ave., 24th and N Sts., 281 cu.yd. excav., 240,543 sq.ft. Warrenite on 2½ in. bituminous paving, etc. F. A. Rhodes, city engr. Noted Sept. 24.

BIDS RECEIVED

New York—A. W. Brant, comr. Highways, Albany, Dec. 18 **(e. e. means engineers estimate)**, improving 12.83 mi. Highway 8241, Franklin Co. Line-Sevey Corners Highway, St. Lawrence Co., from D'Onbro Bros., Inc., Leominster, Mass., $637,812, e. e. $766,053; 10.5 mi. Sects. 1, 2, 3 and 4, Repair Contr. 1490-3142, Highway 1407, Albany Co. Highway and Highway 604,630 Schenectady Co. Highway, Troy and Schenectady Counties, from J. M. Murray, Rochester, $388,335, e. e. $526,693; 7.08 mi. Highway 1222, Millbrook-Dover Plains Rd., Dutchess Co., from N. W. Willite Paving Corp., Rochester, $394,045, e. e. $506,064; 7.85 mi. Highway 8242, Alpine-Cayuta Rd., Part 2, Schuyler Co., and Cayuta-Swartwood Rd., Parts 1 and 2, Chemung Co., from Frost & Lowman, Watkins, $275,403, e. e. $293,585; 5.15 mi. Highway 8238, Willsboro-Keeseville, Part 2, Essex Co., from J. J. Fredella Co., Inc., Glen Falls, $268,614, e. e. $334,196; 4.65 mi. Highway 8243, South Salem-Highridge Rd., Part 1, Westchester Co., from P. Battifarano, Woodcliff-on-Hudson, $250,483, e. e. $331,-590; 8.23 mi. Highway 8239, Cold Brook-Nobleboro Highway, Parts 1 and 2, Herkimer Co., from Stapell, Mumm & Beals Corp., Gardensville, $381,280, e. e. $457,305; 1.7 mi. Highway 1725, LeRoy-Brockport, Part 1, Genesee Co., from Greenfield & Harding, Hornell, $59,867, e. e. $76,775. Noted Dec. 3.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., Dec. 17, from Sicilian Asphalt Co., 41 Park Row, New York City, grading and permanent asphalt paving Pearson St. $13,862, 115th St. $14,708, and 39th Ave. $15,574; from Welsh Bros., Inc., 32 Queens St., Astoria, grading Stafford St. $67,015, and grading, curbing and sidewalks on Laurel Hill Blvd. $11,588, from Pegno Constr. Co., 368 Hamilton Ave., Lurting St. $8,335, and grading and sidewalks on 57th St. $11,100, from G. H. Georgi, 15 Elby Ave., 40th Rd., $1,639. Noted Dec. 10.

N. Y., New York—J. Miller, pres. Manhattan Boro, Municipal Bldg., Dec. 18, grading and granite block paving 10th Ave., from C. Helbock, 633 Wales Ave., $3,351; and grading, curbing, flagging and sheet asphalt paving Bennett Ave., from Gaffney Constr. Co., 50 East 42nd St., $26,180. Noted Dec. 17.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Boro Hall, Dec. 18, bituminous concrete paving Richmond Ave. from Signs Rd. to Rockland Ave., from J. E. Donovan, 614 Union St., Brooklyn, $24,749. Noted Dec. 17.

N. Y., Yonkers — Bd. Contr. & Supply, Dec. 10, grading, curbing and paving with **(a)** small granite block paving, cement grout filler **(b)** small granite block paving, asphalt cement filler **(c)** bitulithic on concrete or **(d)** concrete with bluestone curb granite curb Nepperhan and Old Nepperhan Aves., from A. Cianciulli, 923 Nepperhan Ave., **(a*)** $244,759 **(ax)** $253,075 **(b*)** $245,759 **(bx)** $254,075, **(c*)** $195,367 **(cx)** $203,683; and from Poirier Contg. Co., 1476 Bway., New York City, **(d*)** $188,737 and **(dx)** $196,675.

Pa., Phila.—Bureau of Highways, Dept. Pub. Wks., grading Arthur St. between Castor and Large Sts., Emerson St. between Castor and Summerdale Sts. and Fuller St. between Castor and Bustleton Sts., also Emerson St. between Ferndale and Verree Sts. and Hoffnagle St. between Ferndale and Verree Sts., from F. Mark Contg. Co., 2820 North 21st St., $9,966 and $3,707 respectively; grading Brighton, Crabtree, Englewood, Faunce, Friendship, Gilmore, Hartel, Lansing, Meridian, Napfle, Oakmont, Princeton, Rowland, Sackett, St. Vincent, Chelmire and Wellington Sts., from Curtis Bros., State Rd., Unrah $35,-111; Huntington Park between H and J Sts., from Demees Bros., 5th and Fisher Aves., $5,257; and furnishing and delivering electric cable, from Hazard Mfg. Co., 805 Packard Bldg., $1,198.

Delaware—State Hy. Dept., Dover, paving with **(a)** stone concrete or **(b)** slag concrete 7.93 mi. Laurel-Sharptown Rd., Contr. CS45, from Slacum Brohawn & Woolford, Cambridge, Md. **(a)** metal joint $244,837, open joint $242,744, from Field, Barker & Underwood, Commercial Trust Bldg., Phila., Pa. **(b)** metal joint $231,700, open joint $229,605; 2.5 mi. Milton-Waples Mill Rd., Contr. CS47, from Highway Eng. & Constr. Co., Selbyville, Del. **(a)** metal joint $68,002, open joint $67,078 **(b)** metal joint $65,857, open joint $64,933. Noted Dec. 3.

North Carolina—State Hy. Dept., Raleigh, grading, concrete or asphaltic paving 6.75 mi. Project 477, Wake Co., and 4.465 mi. Project 597, Rockingham Co., from Foster Constr. Co., Wilkesboro, $196,-150 and $110,796 respectively, 11.516 mi. Project 5230, Davidson Co., from Noll Constr. Co., Charlotte, $323,755, 9.065 mi. Project 605, Alexander Co., from W. E. Graham, Mt. Ulla, $304,107, 6.826 mi. Project 985, Swain Co., from Appalachian Constr. Co., Knoxville, Tenn., $183,818, 12.4 mi. Project 955, Jackson Co., from Overstreet-Nance Constr. Co., Bedford, Va., $317,925, 9.1 mi. Project 6610, Richmond Co. from Coastal Constr. Co., Florence, S. C., $278,109; clearing, grubbing and grading 7.81 mi. Project 348, Cumberland Co., from J. F. Mulligan Constr. Co., North Wilkesboro, $29,077. Noted Nov. 12.

Louisiana — State Hy. Comn., Baton Rouge, Dec. 15, graveling 2.58 mi. Lake Charles-DeRidder Highway, State Project 518, Calcasieu Parish, from C. E. Julian, Lafayette, $14,332; and 2.12 mi. Alexander LeCompte Highway, Project 162 A, Rapids Parish, from A. G. Pringle, Glenmora, $11,-019. Noted Dec. 3.

Kentucky — State Hy. Dept., Frankfort, Dec. 10, from Scott & Trinkle, Norton, Va., surfacing 2 mi. Barbourville-Williamsburg Rd., 14 ft., State Project 22-A, waterbound macadam on sandstone $33,313, waterbound macadam $37,913, bituminous macadam $40,190. Noted Nov. 19.

O., Cincinnati—Director Pub. Serv., Dec. 8, grading, curbing and concrete repaving 3,800 sq.yd. Fairbanks Ave., from O'Connell & Sweeney, Florence Ave., $28,128. Engrs. est. $31,393. Noted Dec. 3.

Missouri—State Hy. Dept., Jefferson City, Dec. 11, from Novaculite Constr. Co., Marion, Ill., grading 2.923 mi. road from Dudley west, Stoddard Co. $13,105, from W. E. Johnson, Bellville, Ill., 3.717 mi. roads from Morehouse east and west, New Madrid Co. $10,672, from W. D. Langergan Constr. Co., New Madrid, 4.129 mi. Gray Ridge-Morehouse Rd., Stoddard Co. $16,-736; from Hamilton Hoffman Constr. Co., Carbondale, Ill., grading 21.019 mi. and 18 ft. concrete paving 3.544 mi. St. Louis-Springfield Rd., Franklin Co., $73,735; from Rouse Constr. Co., Cape Girardeau, 18 ft. concrete paving 2.923 mi. road from Dudley west, Stoddard Co. $42,519, from Montague Constr. Co., St. Louis, 3.708 mi. St. Louis-Springfield Rd., Franklin Co. $59,-423, from Regenhardt Constr. Co., Cape Girardeau, 13.984 mi. same road $224,507, from R. L. Williams, Charleston, 4.982 mi. road from Sikeston west, Scott Co. $39,256, 4.129 mi. Gray Ridge-Morehouse Rd., Stoddard Co. $58,576, 3.717 mi. road from Morehouse east and west, New Madrid Co. $53,052; from Summerfield Jones Constr. Co., Billings, 30 ft. grading 9.566 mi. road from Poplar Bluff south, Butler Co. $43,-551, from Thomas & Johnston, Doniphan, 2.285 mi. Puxico-Bollinger Co. line Rd. $16,626, and 4.516 mi. road from Puxico west $28,930, both in Stoddard Co., from E. Euler, Maysville, 3.535 mi. Ava-Mansfield Rd., Wright Co. $46,479, 4.645 mi. Ava-Mansfield Rd., Douglas Co. $52,322, from Burnham & Son, St. Louis, 7.794 mi. road from Dixon north, Pulaski Co. $25,913, from J. C. Ellis, Rockport, Ind., 1.72 mi. Springfield-St. Louis Rd., Laclede Co. $9,841, from O. Fuller, Portageville, 3.763 mi. road from Poplar Bluff south, Butler Co. $11,058, from C. P. O'Reilly, Wainwright Bldg., St. Louis, 10.024 mi. Potosi-Caledonia Rd., Washington Co. $70,178, 4.589 mi. Potosi-Ironton Rd., Washington Co. $34,630, 5.895 mi. Canton-Wayland Rd., Clark Co., $71,636; from M. E. Gillioz, Monett, 30 ft. grading 4.034 mi. road from Poplar Bluff south, Butler Co. $21,755, and 18 ft. gravel surfacing 2.291 mi. road from Cole Camp west, Benton Co., $20,079; from Chaney & Amyx, Licking, 30 ft. grading 0.321 mi. Salem-Licking Rd., Dent Co., $5,950, and 18 ft. gravel surfacing 2.509 mi. Cabool-Houston Rd., Texas Co., $46,-606; from J. L. Simmons, La Plata, 18 ft. gravel surfacing 2.379 mi. Glenwood-Lancaster Rd., Schuyler Co. $13,557, from J. H. Kerr Co., Ozark, 2.652 mi. Cabool-Houston Rd., Texas Co. $5,433, from Troy Constr. Co., Troy, 0.709 mi. road from Troy south, Lincoln Co. $9,224, from B. D. McColly & Son, Rensselaer, Ind., 2.608 mi. Keytesville-Salisbury Rd. $4,545, from F. T. O'Dell, Hannibal, 0.245 mi. Canton-Wayland Rd., Clark Co. $2,339, from L. R. Trogden, Quincy, Ill., 2.814 mi. Keytesville-Salisbury Rd., Chariton Co. $3,460, from Humphreys & Stebbins, Fredericktown, 2.134 mi. Ironton-Potosi Rd., Iron Co. $10,782, 0.211 mi. Annapolis-Des Arc Rd., Iron Co. $12,603, and from Carter Harlin Constr. Co., West Plains, 4.606 mi. road from Houston south, Texas Co., $41,-972. Noted Dec. 3.

Texas—State Hy. Comn., Austin, grading and bridging 13.45 mi. State Highway 23, Federal Aid Project 467-A, 26 ft., Baylor Co., from McClung Constr. Co., 1309 F. & M. Bank Bldg., Ft. Worth, $157,989. Engrs. est. $175,000. Noted Oct. 15.

Tex., Bay City — P. Thompson, mayor, Dec. 2, paving 13,204 sq.yd. various streets, from Thomas & Steagall, Rogers, 5 in. 1:2:3½ concrete $33,283, 6 in. 1:2:3½ concrete $36,188, 2 in. on 6 in. concrete $48,-732; from Brown & Root, Georgetown, bituminous on limestone $29,115. Noted Nov. 26.

Tex., Huntsville — Walker Co., clearing, grubbing, bridging and concrete paving 18.01 mi. State Highway 32, Federal Aid Project 489, 26 ft., 61,628 lb. reinforcing, 131,860 ft. treated and 8,692 ft. untreated bridge timber and 4,900 ft. creosoted timber piling, from Smith-Boyette Co., Bryan, $98,703. Engrs. est. $114,900.

Tex., La Grange — R. E. Schiller, engr., La Grange, Dec. 4, grading and bridging 8.46 mi. Highway 71, Federal Aid Project 417-B, Fayette Co., 259,238 lb. reinforcing etc., from D. Wood, Sulphur Springs, $119,-373. Engrs. est. $150,143. Noted Nov. 19.

Calif., Glendale — Improving Glenoaks Blvd., etc., 512,000 sq.f.t grading, 406,000 sq.ft. 8-6-8-in. concrete paving, etc., from G. A. Simpson, 221 East San Fernando Rd., Burbank, $165,597.

Calif., Los Angeles—Curbing, guttering, sidewalks, asphaltic concrete paving, etc., 170,485 sq.ft. Huntington Dr., also curbing, sidewalks, concrete paving, etc., 46,008 sq. yd. 36th St. and Kerchoff Ave. Impvt. Dist., from Griffith Co., 502 Los Angeles Ry. Bldg., $53,439 and $19,168 respectively. Engrs. est. $54,762 and $20,961 respectively.

Calif., Los Angeles—From Griffith Co., Railway Bldg., improving 9th St. between Meyler and Weymouth Aves., grading $4,500, 93,868 sq.ft. asphalt and 55,620 sq.ft. 6 in. concrete paving $0.185 per sq. ft. each, storm drain $8,500, sanitary sewer $6,600, etc., total $48,717, Gaffey St. between McArthur and Elberon Aves., 150,190 sq.ft. 5 in. concrete paving $0.162, sanitary sewer $7,000, grading $8,000, etc., total $52,-425; Huntington Dr. between Lifur and El

Streets and Roads (Continued)

Sereno Ave., 170,485 sq.ft. 8 in. concrete paving $0.24, etc., total $53,440.

CONTRACTS AWARDED

North Carolina—State Hy. Comn., Raleigh, clearing and grading 11.6 mi. Project 241, Johnston Co., to N. L. Teer, Durham, $91,355, and 7 mi. Project 755, Stokes Co., to J. F. Mulligan Constr. Co., North Wilkesboro, $51,380; grading and plain concrete paving 1.73 mi. Project 986-extension, Swain Co., to R. H. Wright & Son, Andrews, $45,686. Grand total $188,421. Noted Sept. 24.

North Carolina—State Hy. Comn., Raleigh, concrete paving 56 mi. highway, 18 ft., to J. O. Heyworth Inc., 606 South Michigan Ave., Chicago, Ill. Engrs. est. approximately $1,500,000.

Ill., Madison — Asphalt on present brick resurfacing 1 mi. Madison Ave., to Concord Constr. Co., Buder Bldg., St. Louis, Mo., $117,000.

Wis., Sheboygan—Sheboygan Co., G. W. Ubbelohde, comr., will surface with gravel 11.2 mi. Trunk Highway 67; 6 mi. Highway C, $30,000; 4 mi. Highway M, $20,000; 4 mi. Highway A, $9,000; 3 mi. Highway F, $16,000; 1 or 2 mi. Highway Z, $4,200; and 1 or 2 mi. Highway V, $5,000, by day labor. J. T. Donaghey, Madison, ch. engr.

Calif., Burbank—For 6 in. concrete paving, etc., approximately 510,000 sq.ft. Glenoaks Blvd., to G. A. Simpson, 221 East San Fernando Rd., $165,598.

Calif., Inglewood—To G. H. Oswald, 366 East 58th St., improving Inglewood Ave., etc., 178,060 sq.ft. grading $0.035 per ft., 123,085 sq.ft. 5 in. Willite paving $0.17, etc., total $40,337.

Calif., Long Beach—Curbing, guttering, and concrete paving, etc., 7th St. between Santiago and Hathaway Aves., to D. P. Durham, 900 Raymond Ave., $30,515.

Calif., Los Angeles — Grading, curbing, guttering, sidewalks and sheet asphalt and asphaltic concrete paving 9th St. from Meyler St. to Weymouth Ave., to Griffith Co., Los Angeles Ry. Bldg., $48,712; also grading, curbing, sewers and asphaltic concrete paving 161,913 sq.ft. Alfred St. and Croft Ave. between Santa Monica Blvd. and Melrose Ave., etc., to Los Angeles Paving Co., Inc., 2900 Santa Fe Ave., $49,131. Noted Oct. 22.

Calif., Pomona—Curbing, 6 in. concrete paving, etc., 5th Ave. between Carey and east city limits, to Fleming Constr. Co., 105 North Park Ave., $87,500.

Calif., Redondo Beach — Curbing, sidewalks, ornamental street lighting, and 5 in. vibrolithic concrete paving 129,464 sq.ft. El Redondo St., to O. U. Miracle, 227 Ave. D, $65,536.

Buildings—Industrial

PROPOSED WORK

Mass., Boston—MANUFACTURING—L. Jolles, 174 Lincoln St., having plans prepared by A. J. Carpenter, 1 Moss Hill Rd., Jamaica Plain, altering and constructing 5 story, 42 x 97 ft., brick addition. $50,000.

Mass., Somerville (br. Boston)—REPAIR and SERVICE GARAGE — Winter Hill Realty Co. Inc., A. Nute, pres., 383 Bway., plans 2 story, 11,000 sq.ft. floor space, rein.-con. and brick, Bond St. $100,000. Engineer and architect not selected.

Conn., Bridgeport—HIDES and TALLOW FACTORY—H. Isaacs, 226 Oak St., having plans prepared by H. Koerner, 164 State St., 2 story, 60 x 75 ft., brick and steel, Asylum St. $40,000.

Conn., Bristol—FORGE SHOP—New Departure Mfg. Co. plans enlarging present plant, Terryville Ave. $40,000.

N. J., Newark—PASTEURIZING PLANT—Sheffield Farms Co., 524 West 57th St., New York City, plans rein.-con. and brick, plain foundation, Frelinghuysen Ave. and Empire St., here. $1,000,000. Engineer and architect not selected.

O., Berea—ELECTRIC LIGHT PLANT—Village, c/o G. L. Fowles, clk., having preliminary plans prepared by G. Champe, Nasby Bldg., Toledo, electric light plant, brick and steel. $50,000.

O., Cleveland—FACTORY—Cream Cone Machine Co., J. W. Taylor, 5800 Hough Ave., pres., plans 4 story and basement, rein.-con. and brick addition. $100,000. Engineer and architect not selected.

O., Newark—FACTORY—Simpson Fdry. & Eng. Co. making plans rebuilding factory, 140 x 285 ft. factory, recently destroyed by fire. $60,000. Private plans.

BIDS DESIRED

Mass., Cambridge (Boston P. O.) — FACTORY—Cambridge Rubber Co., taking bids 2 story, 45 x 90 ft., rein.-con. addition, Main St. $40,000. J. R. Worcester Co., 79 Milk St., Boston, engr.

O., Sandusky — FACTORY — Frohman Chemical Co., taking bids 2 story, brick, steel and concrete addition, West Sandusky. $50,000.

Ind., Bedford—FACTORY—See "Buildings—Commercial."

Ind., Rushville—FOUNDRY—See "Contracts Awarded."

Wis., Milwaukee — ENGINE and BLOWER HOUSE — E. R. Liebert, archt., 49 Oneida St., taking bids 2 story, 52 x 70 ft., brick and concrete, plain foundation, 27th St. $40,000. Owner's name withheld. Noted Nov. 26.

Wis., Milwaukee — FACTORY — A. L. Seidenschwartz, archt., 290 3rd St., taking bids superstructure 1 story, 76 x 200 ft., brick and timber, Port Washington Rd., for Plastic Products Co., 123 Reservoir Ave. Noted Dec. 10.

Minn., Duluth—BAKERY—Jan. 9, by W. H. Gast, mgr. Purity Baking Co., 118 East 1st St., having plans prepared 3 story and basement, 50 x 140 ft., rein.-con., brick and tile, Superior St. and 24th Ave. $175,000. Engineer and architect not announced.

Tex., Texarkana — ICE PLANT — See "Contracts Awarded."

Okla., Okmulgee—REFINERY, etc.—See "Contracts Awarded."

Calif., San Francisco — FACTORY — H. H. Meyers, archt., Kohl Bldg., taking bids 1 and 2 story, rein.-con., 3rd St., for Electric Storage Battery Co., 1536 Bush St. $125,000. Noted Oct. 22.

CONTRACTS AWARDED

Mass., Malden (br. Boston) — REPAIR and SERVICE GARAGE — Andrew Investment Co., c/o C. F. Springall, archt., 50 Concord St., 2 story, 110 x 225 ft., rein.-con., 11-13 Charles St., to S. Spector, 24 York St., Dorchester. Archts. est. $100,000.

Mass., Roxbury (Boston P. O.)—REPAIR and SERVICE GARAGE — Exchange Realty Co., 829 Old South Bldg., Boston, 1 story, 90 x 262 ft., rein.-con. and brick, Washington and Westminster Sts., to Rand Constr. Co., 10 Tremont St., Boston. Archts. est. $125,000.

R. I., Pawtucket—MILL—Royal Weaving Co., J. Ott, agt., Central Ave., 2 story brick and steel, Woodbine St., to Willmarth Mackillop, Inc., Freeman St. Archts. est. $60,000.

Conn., Bristol—INDUSTRIAL—New Departure Mfg. Co., 1 story, 24 x 218 ft., addition, Center St., to Torrington Building Co., Torrington.

Conn., New Britain—PLANT—Stanley Wks., 110 x 250 ft. building for gauging rolls and annealing furnaces, also 46 x 82 ft. addition to machine shop, both brick and steel, to M. C. Tuttle, 862 Park Sq. Bldg., Boston, Mass.

Pa., Beaver Falls—FACTORY—Mayer China Co., general contract 2 story, 44 x 140 ft. addition, to Cook Anderson Co., Beaver Falls. Engrs. est. $50,000. Noted Dec. 10.

Pa., Phila. — PLANT, WAREHOUSE, etc.—I. Halpern Bros. & Co., Hancock and Berks Sts., 50 x 100 ft. smelting building, 24 x 50 ft. office, and 50 x 150 ft. warehouse, each 1 story, rein.-con., brick and steel, plain foundation, Carbon and Erie Sts., to L. Rosengarten, Otis Bldg. Noted Aug. 20.

Pa., Phila.—SHOP and STORAGE—J. Hyman & Son, Tioga and Livingston Sts., 1 story, 120 x 200 ft., rein.-con., brick and steel, plain foundation, Tioga and Almond Sts., to J. N. Gill Co., City Center Bldg. Archts. est. $75,000.

Pa., Phila.—WOOD WORKING FACTORY—R. L. Lloyd & Co., 105 North 22nd St., 1 story, 60 x 150 ft., rein.-con., brick and steel, Pembrooke Ave., to Smith Hardican Co., 1809 Callowhill St.

O., Alliance—FACTORY—Stewart Bros. Paint Co., J. S. Stewart, pres., 204 South Seneca Ave., 2 story, brick and steel, North Union Ave., to A. F. Wendling Co., Massillon, $50,000. Noted Nov. 26.

O., Cleveland — POWER STATION and PUMP HOUSE — Amer. Steel & Wire Co., Rockefeller Bldg., 1 story, 60 x 65 ft., concrete and steel, along Cuyahoga River, to J. J. Cassidy, 9718 Baltic Rd. Archts. est. about $40,000.

O., Cleveland — FACTORY and WAREHOUSE — Vitrolite Co., C. A. Myers, pres., 2907 Detroit Ave., 2 story and basement, 44 x 147 ft., brick and steel, 2909 Detroit Ave., to Mitzel-Shields Co., Rose Bldg. Archts. est. $60,000. Noted Nov. 19.

Ind., Rushville—FOUNDRY—Dill Fdry. Co., will build 1 story, 140 x 189 ft., fireproof foundry, by day labor. $50,000. Private plans. Noted Dec. 3.

Ill., Chicago — GARTER FACTORY — A. S. Alschuler, archt., 28 East Jackson Blvd., masonry and carpentry contract 5 story and basement, 113 x 157 ft., rein.-con., brick and terra cotta addition. to Bulley & Andrews, 2040 West Harrison St., for Paris Garter Co., 1149 West Congress St. Noted Oct. 15.

Ill., Chicago—FACTORY—Bell & Howell Co., 1803 Larchmont Ave., general contract 6 story, 76 x 81 ft., rein.-con. and brick, 1803 Larchmont Ave., to C. Johnson, 111 West Washington St. Archts. est. $200,000.

Tex., Texarkana—ICE PLANT—Texarkana Ice Plant, c/o J. N. Myers, will build 1 story and part basement, 50 x 150 ft., rein.-con. and brick, 25 ton daily capacity, 12th and Walnut Sts., by day labor. $45,000. Private plans.

Okla., Okmulgee—REFINERY, etc.—Independent Oil & Gas Co. having preliminary plans prepared and will build addition to plant increasing daily capacity from 1,200 to 2,000 bbl., also new lubrication and wax plant, by own forces. $500,000. L. F. Silsbee, Okmulgee, engr.

Buildings—Commercial

PROPOSED WORK

N. H., Portsmouth—HOTEL—Rockingham Hotel, State St., rejected bids 5 story, 60 x 75 ft., brick and concrete addition. Will revise plans and readvertise. $150,000. J. R. Richardson, 56 Grove St., Dover, archt. Noted Nov. 12.

Mass., Belmont (br. Boston)—STORE—C. Toomey, 1138 Boylston St., Boston, having plans prepared by Haven & Hoyt, 45 Bromfield St., 2 story, brick, Leonard St. $150,000.

Mass., Boston — COURTHOUSE — Plans new court house, Allston, Bulfinch, Court and Somerset Sts. $6,450,000. Engineer and architect not selected.

Mass., Boston—HOTEL—Mark Temple Realty Co., c/o Crane & Franzheim, archts. and engrs., 345 Madison Ave., New York City, having plans prepared 12 story, brick and steel, plain foundation, Commonwealth Ave. $6,000,000.

R. I., Pawtucket—HOME—B. P. O. E., c/o O'Malley & Fitzsimmons, archts., Fanning Bldg., preparing plans Elks Home. To exceed $150,000.

Conn., Bristol — THEATRE — Colonial Theatres Inc., D. A. Peters, 102 South St., New Britain, plans 1 story and basement, 76 x 175 ft., brick and steel, 2,000 seating capacity, Main St., $200,000.

Conn., Hamden (br. New Haven)—THEATRE, OFFICE and STORE—Fishman Bros., 826 Dixwell Ave., New Haven, having plans prepared by C. H. Abramowitz, 42 Church St., New Haven, 2 story, 76 x 130 ft., brick and steel, Dixwell St., here. $150,000

Conn., Hartford — CLUB — University Club had tentative plans prepared by W. F. Brooks, Lewis and Gold Sts., new club, Lewis St. To exceed $150,000.

Conn., Hartford—HOTEL—Allyn Realty Co., R. J. Allyn, pres., Asylum St., plans 12 story brick and steel, Trumbull & Asylum Sts. $2,000,000.

Conn., Hartford — THEATRE — Allyn Realty Co., R. J. Allyn, pres., Asylum Ave., plans brick and steel, 3,000 seating capacity, Asylum St. near Ann St. $1,000,000.

Conn., Stratford—TOWN HALL—Town, C. Reed, mgr., having preliminary plans prepared by Larson & Wells, Hanover, N. H., 2 story and basement, brick and steel, Main & North Parade Sts. $200,000.

Conn., Waterbury—BANK—Dime Savings Bank, 60 North Main St., having plans prepared by York & Sawyer, 50 East 41st St., 1 story and basement, brick and limestone, North Main St. and Abbott Ave. $150,000 or more.

N. Y., New York—APARTMENT—Three Hundred and Eight West 86th St. Corp., c/o Deutsch & Schneider, engrs. and archts., 35 Maiden Lane, having plans prepared 15 story, brick, steel and stone, plain foundation, 303-307 West 86th St. $500,000.

N. Y., New York — APARTMENT — Gronenberg & Leuchtag, engrs. and archts., 450 4th Ave., preparing plans 6 story, brick, steel and stone, plain foundation, West 12th St. $300,000. Owner's name withheld.

N. Y., New York—GARAGE—G. Ringler & Co., East 92nd St., plans 6 story, 100 x 100 ft., rein.-con. and brick, plain foundation, East 91st St. $200,000. Engineer and architect not selected.

N. Y., New York—HOSPITAL—Elizabeth Hospital, 415 West 51st St., having plans prepared by O'Connor, Delaney & Schultz, engrs. and archts., 162 East 37th St., 6 story, 120 x 200 ft., brick, steel and stone, plain foundation, 190th St. and Fort Washington Ave. $800,000.

N. Y., New York—HOSPITAL—French Hospital, 450 West 34th St., plans brick, steel and stone addition, plain foundation, West 33rd St. $500,000. Engineer and architect not selected.

Buildings—Commercial (Continued)

N. Y., South Yonkers (Yonkers P. O.) — APARTMENT—M. S. Constr. Co., c/o W. Katz, archt. and engr., 6 Hudson St., Yonkers, having plans prepared brick, steel and stone, plain foundation, here. $500,000.

N. J., Jersey City—HOSPITAL—Christ Hospital, 176 Palisade Ave., having plans prepared by J. T. Rowland, engr. and archt., 100 Sip Ave., 5 story, brick, steel and stone, plain foundation. $500,000.

Pa., Phila.—OFFICE—Edelstein & Bernstein, 215 South 15th St., plans 15 story and basement, 40 x 80 ft., rein.-con., brick and steel, plain foundation, 15th and Chanceller Sts. $400,000. Engineer and architect not selected.

Pa., Pittsburgh—APARTMENT HOTEL—Fifth Ave. Apartment Corp., c/o P. Jullian, archt., 823 15th St. N. W., Wash., D. C., having plans prepared 9 story and basement, 160 x 200 ft., limestone, terra cotta, brick and rein.-con., 5th Ave. $2,000,000.

Pa., Pittsburgh — HOTEL — General Forbes Hotel Corp., 6th St. and Penn Ave., having plans prepared by Weber & Wurster, 403 Morris Bldg., Phila., altering and constructing fireproof addition to hotel. $2,000,000.

Pa., Pittsburgh — THEATRE and OFFICE—Rowland & Clark Theatre Corp., 803 State Theatre Bldg., having plans prepared by V. A. Rigamount, State Theatre Bldg., 20 story and basement, 180 x 240 ft., stone, brick and steel, 7th St., Penn and Liberty Aves. $7,000,000.

Pa., St. Marys—THEATRE and OFFICE—Jefferson Theatre Co., Punxsutawney, having plans prepared by Howard & Hatcher, Empire Bldg., Pittsburgh, 3 story and basement, 84 x 110 ft., brick theatre and office building, here. $150,000.

Tenn., Memphis—EXCHANGE—Cumberland Telephone & Telegraph Co., 197 Court Ave., making tentative plans addition to Plant 1003, and cables, etc. extending to Chelsea, Jackson, South Willett, Lamar Ave., Highland Heights, Glenview and Hollywood sections. $3,000,000.

O., Akron—THEATRE and ARCADE—Akron Arcade Realty Co., c/o Loews, Inc., 1540 Bway., New York City, plans 2,200 seating capacity theatre, 182 South Main St., here. $1,500,000.

O., Columbus—BANK and OFFICE—Buckeye State Building & Loan Co., 22 West Gay St., having sketches made by Hopkins & Dentz, 415 Lexington Ave., New York City, about 8 story and basement, 94 x 187½ ft., concrete, brick, stone and terra cotta, East Gay St. $800,000.

O., Hamilton—HOTEL—American Hotels Corp., 25 West 45th St., New York City, plans 10 story and basement, 120 x 186 ft., rein.-con. and steel hotel, here. $600,000.

Ill., Chicago—APARTMENT HOTEL—Millsfield Building Co., c/o Orenstein & Hild, archts., 222 East Ontario St., takes bids about Jan. 1, 6 story, 50 x 170 ft., rein.-con. and brick, 3933 Clarendon Ave. $400,000.

Ill., Chicago — HOSPITAL — F. Chase, Inc., archts., 720 North Michigan Ave., soon takes bids 6 story, brick and steel, Groveland Park and 33rd St., for Chicago Memorial Hospital, J. E. Wilder, pres., 1038 Crosby St., $650,000.

Ill., Chicago — HOTEL, OFFICE and STORE—M. S. Plotke, 111 West Washington St., having plans prepared by Huszagh & Hill, 6 North Michigan Ave., 16 story, 50 x 140 ft., Cass and Ontario Sts. $1,500,000.

Ill., Chicago — OFFICE and STORE — Madison Street Building Corp., c/o F. D. Chase, Inc., archts., 720 North Michigan Ave., having preliminary sketches made 16 story, 85 x 100 ft., Madison St. near Wells St. $2,000,000.

Ill., Geneva—HOTEL—O. Nelson, 520 Franklin St., having preliminary plans prepared by Mundie & Jensen, 39 South La Salle St., Chicago, 4 story and basement, 85 room, concrete and brick hotel. $200,000.

Ill., Rock Island—CITY HALL—Election in spring $250,000 bonds, rein.-con., brick, steel and stone city hall. W. A. Rosenfield, secy. to mayor.

Neb., McCook — COURT HOUSE — Red Willows Co. election Jan. 19, $250,000 bonds, for court house. M. L. Evans, Brandis Bldg., Hastings, archt.

Tex., Dallas—OFFICE—Owner, c/o J. M. McCammon, Inc., archts., 604 Southland Life Bldg., having plans prepared 24 story, basement and sub-basement, 50 x 100 ft., rein.-con. and steel, Main and Akard Sts. $1,750,000.

Tex., Houston — HOTEL — J. Finger, archt., 711 Keystone Bldg., soon takes bids 16 story and basement, 125 x 125 ft., rein.-con., brick and stone, Rusk Ave. and Fannin Sts., for San Jacinto Hotel Co., c/o N. D. Naman, 2nd Natl. Bank Bldg. $1,500,000.

Tex., San Antonio — COURTHOUSE — Bexar Co., A. McCloskey, judge, takes bids about Jan. 16, 5 story and basement, concrete, brick and stone annex, Military Plaza. $1,000,000. E. T. Jackson, Builders Exch. Bldg., and Phelps & DeWees, Gunter Bldg., archts. Noted Oct. 7.

Calif., Berkeley — THEATRE — M. T. Jorgensen, archt., 110 Sutter St., San Francisco, soon takes bids rein.-con., 1,400 seating capacity, University and San Pablo Aves., here, for Golden State Theatres Co., c/o architect. $150,000.

Calif., San Francisco — HOTEL and STORE—Hyman & Appleton, archts., 68 Post St., takes bids about Jan. 10, 6 story and basement, rein.-con., Taylor St. near Ellis St., for E. Tropp, 129 Sutter St. $185,000. Noted Oct. 22.

Calif., Santa Barbara — HOTEL — N. Calahan, c/o Sauter & Lockard, archts., Santa Barbara, having revised plans prepared 4 story and basement, rein.-con., Cota and Estado Sts. To exceed $150,000. Former bids rejected.

BIDS DESIRED

Mass., Attleboro — LODGE and THEATRE—Eagle Building Assn., c/o J. A. Tuck, archt., Park Sq. Bldg., Boston, taking bids 4 story and basement, 112 x 240 ft., brick and steel, Bank St. $350,000.

Mass., Lynn — STORE and OFFICE — Havin & Gordon, 10 City Hall Sq., taking bids 2 story and basement, irregular, brick and stone, City Hall Sq. and Market St. $150,000. F. A. Norcross, 46 Cornhill St., Boston, archt.

Mass., New Bedford — SOCIETY — Masonic Building Assn., c/o Brown & Poole, archts., 688 Pleasant St., taking bids 2 story and basement, brick and stone society building. $150,000. Noted Aug. 20.

Mass., Quincy (Ind. br. Boston) — MASONIC—Quincy Masonic Building Assn., c/o J. W. Beals Sons Co., archts., 185 Devonshire St., Boston, taking bids 2 story and basement, 80 x 120 ft., brick and limestone, Hancock St. and Russell Park. $300,000.

N. Y., New York—APARTMENTS—See "Contracts Awarded."

Pa., Phila.—OFFICE—Jan. 4, by Zantzinger, Borie & Medary, archts., Otis Bldg., 3 story, loft and basement, 40 x 188 ft., with 40 x 144 ft. and 40 x 200 ft. wings, rein.-con., granite, sandstone or limestone, plain foundation, Parkway at Fairmount Ave., for Fidelity Municipal Life Insurance Co., 112 North Broad St. $1,500,000. W. Gravell and I. H. Francis, Otis Bldg., consult. engrs.

La., New Orleans—OFFICE—Jan. 9 (extended date), by W. E. Spink, archt., Canal Commercial Bldg., superstructure Pere Marquette Bldg., 18 story, brick and terra cotta, Baronne and Common Sts., for Chicago Syndicate, incl. E. M. Loeb, J. S. Joy, et al. Noted Dec. 10.

O., Columbus — BANK and OFFICE — Dec. 30, by Ohio State Savings Assn., 44 East Broad St., 8 to 12 story and basement, concrete, steel, stone and terra cotta, 3rd and Gay Sts. $750,000. Simons, Brittain & English, 336 4th Ave., Pittsburgh, Pa., archts. Noted May 21.

O., Lakewood (br. Cleveland)—APARTMENT — Friedlander Realty Co., c/o M. Duchon, 1077 Thornhill Dr., Cleveland, taking bids 3 story and basement, 89 x 120 ft., brick and steel, Cook Ave. and Clifton Blvd. $150,000. M. Weis, Union Bank Bldg., Cleveland, archt.

Ind., Bedford—STORE—See "Contracts Awarded."

Wis., Oshkosh — APARTMENT — See "Contracts Awarded."

Mo., St. Louis—STORE and OFFICE—Dec. 30, by Wedemeyer & Nelson, archts., Wainwright Bldg., 4 story and basement, 40 x 130 ft. brick, concrete and stone, 3117-19 South Grand Blvd., for J. E. Dickmann Real Estate Co., 623 Chestnut St. $250,000. Noted Nov. 5.

Tex., Ft. Worth — BUSINESS — W. G. Clarkson & Co., archts., 1st Natl. Bank Bldg., taking bids 3 story and basement, (ultimately 10 story), rein.-con., stone and steel, Houston and 4th Sts., for Van Zandt Jarvis, Jarvis Heights. $300,000. F. W. Woolworth, c/o C. C. Foster, dist. mgr., 2218 Fairmont St., lessee. Noted July 16.

Tex., San Angelo—HOTEL—Hotel St. Angelus, taking bids 7 story and part basement, rein.-con., brick and stone, plain foundation. $160,000. R. E. Lane, 115 North 5th St., Waco, engr. and archt. Noted Oct. 29.

Calif., Los Angeles—APARTMENT—See "Contracts Awarded."

BIDS RECEIVED

D. C., Wash.—A. B. Heaton, archt., 1211 Connecticut Ave. N. W., recreation, administration and educational building for Y. W. C. A., here, from W. P. Lipscomb Co., 1406 G St. N. W., $471,000. Noted Dec. 10.

CONTRACTS AWARDED

Mass., Newton (Ind. br. Boston) STORE and OFFICE — Central Railway Signal Co., A. Marshall, Boston, in charge, 2 story and basement, 65 x 100 ft., brick and stone, Center St., here, to Dacy & Tibbetts, Lexington. Archts. est. $150,000.

R. I., Pawtucket — BUSINESS — Hall Realty Co., Broad St., 2 story and basement, 45 x 205 ft., rein.-con., brick and steel, plain foundation, to E. Haley, 32 Westminster St., Providence. Archts. est. $150,000.

N. Y., New York—APARTMENTS—F. F. French Co., 350 Madison Ave., purchased 7 acres and will build apartments, 1st and 2nd Aves. from 41st to 44th Sts. $25,000,000. Work will be done by separate contracts. Private plans.

N. Y., New York — HOTEL — D. Friedberger, 1261 Bway., 22 story, brick, steel and stone, plain foundation, East 77th St., to G. Richard Davis, 30 East 42nd St. Archts. est. $2,000,000.

N. Y., New York—OFFICE—W. Salmon, 17 West 42nd St., brick, steel and stone, plain foundation, West 43rd St., to C. T. Wills, Inc., 206 5th Ave. Archts. est. $5,000,000. Noted Dec. 3.

N. J., Woodbury—MASONIC—Ballinger Co., archts., 12th and Chestnut Sts., Phila., Pa., 2 story, basement and mezzanine, 44 x 110 ft., rein.-con., brick and steel, plain foundation, Broad St., here, to J. T. Allen, Woodbury, for Florence Lodge 87, F. and A. M. Archts. est. $150,000.

Pa., Phila.—BANK—D. Bassett, archt., 1520 Locust St., 3 story and basement, 24 x 120 ft., rein.-con., brick and steel, 1522 Locust St., to F. G. Stewart, 1520 Locust St. Owner's name withheld. Noted Dec. 17.

N. C., Gastonia—CITY HALL—D. L. Struthers, city mgr., 2 story and basement, 60 x 160 ft., brick and limestone, South St., general contract, to C. W. Spencer, Gastonia, total $150,000.

La., New Orleans—WAREHOUSE—Favrot & Livaudais, archts., Hibernia Bank Bldg., 4 story, rein.-con., brick and terra cotta, Camp and Capdeville Sts., to R. F. Farnsworth & Co., Canal Commercial Bldg., for E. Lilly & Co., $137,517. Noted Oct. 22.

O., Canton—THEATRE and OFFICE—H. H. Ink, Genl. Del., excavation, foundation and other concrete work, etc., for theatre and office building, 6th and Market Sts., to Garaux Bros., Massillon Rd., $75,000. Noted July 30.

O., Cincinnati—APARTMENT—Ludlow Realty Co., Provident Bank Bldg., 3 story and basement, rein.-con. and brick, plain foundation, Ludlow Ave., to Erwin & Schwartz Co., Provident Bank Bldg., $500,000. Noted Sept. 10.

O., Cincinnati — TEMPLE — Masonic Club, Emery Hotel, 8 story and basement, 196 x 267 ft., rein.-con. and brick, plain foundation, Sycamore St., to Ferro Concrete Co., 3rd and Elm Sts. $2,000,000.

O., Cleveland — COMMERCIAL and APARTMENT—Greenwick Realty Co., c/o A. Glezerman, 3391 East 134th St., 2 story, 56 x 177 ft., brick and timber, 11104 Detroit Ave., to L. Schuler, 11820 Parkhill Ave. Archts. est. $150,000. Noted Dec. 10.

Ind., Bedford — STORE, etc. — W. McMillan & Sons, will build 1 story, 135 x 615 ft., steel and stone, store and factory, by day labor. $300,000. Private plans. Noted Dec. 17.

Mich., Highland Park (br. Detroit) — HOSPITAL—Highland Park General Hospital, 2 story, 36 x 43 ft., 32 x 38 ft. and 38 x 94 ft., rein.-con., brick and steel buildings for dormitory and 2 units to hospital group, plain foundations, Glendale and Lincoln Aves., to Davis, McGonigle Co., Buhl Bldg., Detroit. Archts. est. $175,000. Noted Oct. 29.

Ill., Chicago — APARTMENT — C. F. Henry, 7455 Greenview Ave., masonry and concrete contract 16 story, 60 x 209½ ft., brick, steel and stone, Delaware Pl. and Seneca Sts., to McLennan Constr. Co., 307 North Michigan Ave. Archts. est. $2,000,000. Noted Oct. 15.

Ill., Chicago — THEATRE, STORE and APARTMENT — Lawndale Theatre Corp., 822 West 70th St., general contract 6 story, 117 x 214½ ft., brick and terra cotta, Komensky Ave. and Roosevelt Rd., to R. Levine & Co., 822 West 70th St. Archts. est. $2,225,000.

Ill., Oak Park — HOTEL — Oak Manor Hotel, c/o Orenstein & Hill, archts., 222 East Ontario St., masonry, concrete and tile contract 5 story, 70 x 150 ft., rein.-con. and brick hotel, Oak Park Ave. near Ontario St., to H. Janisch & Co., 1813 Winona St., Chicago; steel work, to Atlas Iron Wks. Corp., 351 West 59th St., Chicago.

Wis., Oshkosh—APARTMENT—W. Rasmussen, foot 7th St., will build 3 story and basement, 110 x 135 ft., rein.-con. and brick, plain foundation, by day labor. $175,000.

Buildings—Commercial (Continued)

R. B. Williamson, 405 Bway., Milwaukee, archt. Noted Dec. 17.

Ia., Emmetsburg—HOTEL—Sawyer & Watrous, archts., 401 Southern Surety Bldg., Des Moines, 3 story and basement, 72 x 112 ft., rein.-con. and stone, to W. F. Parks, Storm Lake. Archts. est. $180,000.

Tex., Corsicana — JAIL — Navarro Co., c/o W. Hicks, judge, 3 story, rein.-con., brick and stone, to Waish & Burney, 928 North Flores St., San Antonio, about $125,000. Noted Sept. 10.

Colo., Denver—CLUB—Denver Athletic Club, 1325 Glenarm St., general contract 5 story, 57 x 100 ft., Glenarm St. between 13th and 14th Sts., to Kirchof Constr. Co., 700 Lawrence St., $199,687. Noted Apr. 23.

Calif., Blairsden—HOTEL—Van Noy Interstate Co., 292 2nd St., San Francisco, 2 story, timber hotel, Feather River front, here, to Campbell Constr. Co., Nicolaus Bldg., Sacramento, Calif., approximately $200,000. Noted Oct. 29.

Calif., Long Beach — CLUB — P. O. Wright & F. H. Gentry, archts., 316 Marine Bank Bldg., 3 story and basement, 100 x 150 ft., steel and rein.-con., for Scottish Rite Masonic Temple Assn., general contract, to J. D. Sherer & Son, 1885 Anaheim St., $200,000.

Calif., Los Angeles—APARTMENT—E. G. Niemann Investments, Inc., 5656 Hollywood Blvd., 5 story and basement, 80 x 200 ft., brick, Hayworth Ave. near Fountain Ave., to A. C. LeBrun & Co., 5656 Hollywood Blvd. $250,000. Noted Oct. 1.

Calif., Los Angeles—APARTMENT—B. Blackburn, 4 story and basement, 67 x 145 ft., timber, 1805 Wilcox Ave., general contract, to Whiting, Boynton & Potts, 1120 Central Bldg., $175,000.

Calif., Los Angeles — APARTMENT — Globe Investment Co., 5562 Hollywood Blvd., will build 3 story and basement, 48 x 150 ft., brick, North Normandie Ave., by day labor. $150,000.

Calif., Napa—HOTEL—Hotel Building Corp. of Napa, 5 or 6 story, steel, brick or rein.-con., to Davis, Heller, Pearce Co., Inc., Weber and California Sts., Stockton. Archts. est. $225,000. Noted July 23.

Calif., Oakland — APARTMENT — B. Gregorieo, 607 Amer. Bldg., 3 story and basement, rein.-con., 12th and Filbert Sts., to E. Field, Amer. Bank Bldg., Oakland, $155,000.

Calif., Pasadena — LODGE — Pasadena Lodge 272, Free and Accepted Masons, 3 story and basement, South Euclid Ave., general contract, to J. H. Simpson, 548 South Raymond Ave., $143,500. Noted Dec. 10.

Buildings—Educational, Religious

PROPOSED WORK

Mass., Boston — COLLEGE — Rabbinical College, Inc., c/o J. A. Tuck, archt., 439 Park Sq. Bldg., having preliminary sketches made 3 story, 80 x 100 ft., brick and limestone college. $200,000.

Mass., Hyde Park (Boston P. O.) — SCHOOL—City, Schoolhouse Dept., Boston, plans 2 story and basement, brick, Sunnyside St., here. $150,000. Engineer and architect not selected.

Mass., Lowell—CHURCH—St. Jean De Arc Church having plans prepared by W. F. Fontaine, 285 Main St., Woonsocket, for church. $150,000.

Mass., Melrose (Ind. br. Boston)—HIGH SCHOOL—C. R. Greco, archt., 11 Beacon St., Boston, making sketches Junior High School, 2 story and basement, brick and stone, Winthrop School Dist., here, for Bd. Educ. $200,000.

Mass., Newton (Ind. br. Boston) — ACADEMY — Boston Academy of Sacred Heart Mother Alice Power, 262 Commonwealth Ave., Boston, plans 3 story academy, Centre and Cabot Sts. $150,000 or more. Engineer and architect not selected.

Mass., Southbridge — CHURCH — Sacred Heart Parish, V. Epinard, pastor, having plans prepared by L. Destremps, 49 Borden Blk., Fall River, 1 and 2 story, brick and stone, Charlton St. $150,000.

Mass., Winchester—SCHOOL—Town, J. Quinn, supt. schools, plans 2 story, brick school. $200,000 or more. Engineer and architect not selected.

Conn., Bridgeport—CHURCH—St. George Episcopal Church, H. E. Kelley, pastor, 755 Clinton St., having plans prepared by E. B. Caldwell, Jr., 886 Main St., 1 story, 45 x 110 ft., stone, Clinton and Beechwood Aves. $150,000. Noted Nov. 12.

Conn., Stamford—SCHOOL—City, C. H. Martin, school com., having revised plans prepared by Butler & Provost, 292 Main St., and soon takes bids 2 story and basement, brick and steel, Woodland Ave. $250,000. Former bids rejected. Noted Dec. 3.

Conn., West Hartford (br. Hartford)—SCHOOL — Town, L. H. Bugbee, supt. schools, plans school, North Main St. and Albany Ave. $150,000. Engineer and architect not selected.

N. J., Cliffside Park (mail Cliffside) — HIGH SCHOOL—Bd. Educ., Cliffside, soon takes bids brick, steel and stone, plain foundation, Palisade Ave., here. $325,000. E. Sibley, Bluff Rd., Palisade, archt.

N. J., Montclair—SCHOOL—Bd. Educ., 22 Valley Rd., rejected bids Dec. 7, for new Bedford School, brick, steel and stone, plain foundation. Will readvertise. Starrett & Van Vleck, 393 7th Ave., New York City, archts. Noted Nov. 19.

Pa., Erie — SCHOOL — Bd. Educ., R. S. Scobell, bus. mgr., having plans prepared by W. W. Meyers, Library Bldg., 2 story and basement, 18 class room, concrete, brick and steel addition to Wayne School. $300,000. Mayer & Valentine, Plymouth Bldg., Cleveland, O., mechanical engr.

Pa., Williamsport—CHURCH—Bethany Presbyterian Church, W. C. Watson, pastor, Green and High Sts., plans 2 story, 90 x 120 ft., stone church, etc., Louisa St. $150,000.

Fla., Lake City — SCHOOL, etc. — Columbia Co. Bd. Pub. Instruction election soon $175,000 bonds, for school and primary building. Edwards & Sayward, 101 Marietta St., Atlanta, Ga., archts.

Fla., St. Petersburg—SCHOOL—Pinellas Co. (Clearwater) election Jan. 12, $1,800,000 bonds, for schools. R. S. Blanton, supt. Public Instruction.

O., Shaker Heights (Cleveland P. O.) — SCHOOLS — Bd. Educ., J. W. Main, clk., having plans prepared by Howell & Thomas, 4500 Euclid Ave., Cleveland, 3 story and basement high school, South Woodand St. and Woodbury Rd., $700,000; by C. S. Schneider, 2258 Euclid Ave., Cleveland, two 2 story and basement grade schools, one Southington and Ludlow Rds., and other Dorchester and Fernway Rds., $200,000 each, all concrete, brick and steel. Noted Sept. 3.

Kan., Emporia — MUSIC HALL — State Teachers College had plans prepared by C. D. Cuthbert, State House, Topeka, and takes bids about Jan. 10, 3 story and basement, 112 x 135 ft., brick and stone music hall. $150,000.

Mo., University (Sta. St. Louis) — SCHOOLS—Voted $470,000 bonds, addition to Pershing, Flynn Park and high schools, for Bd. Educ. Noted Dec. 10.

Tex., Ft. Worth—SCHOOL—W. G. Clarkson, consult. archt., 1st Natl. Bank Bldg., and J. R. Pelich & O. H. Atkinson, associated archts., W. T. Waggoner Bldg., preparing plans and soon take bids Carroll Peak School, 2 story and basement, 62 x 258 ft., rein.-con., brick and stone, for Bd. Educ., c/o M. H. Moore, supt., 921 Jennings Ave. $170,000.

Tex., Sam Fordyce — SCHOOL — Voted $360,000 bonds new school, for Tobasco Independent School Dist., c/o N. L. Reyna, secy. Bd. Educ.

Okla., Tulsa — HIGH SCHOOL — Bd. Educ. takes bids about Dec. 20, Junior High School, 2 story and basement, 116 x 214 ft., rein.-con., brick and stone. $225,000. Gillham, Cook & White, 409 Interstate Bldg., Kansas City, Mo., mechanical engrs. L. I. Shumway, 725 New Wright Bldg., archt. Noted Nov. 19.

Calif., Huntington Beach — ADMINISTRATION — Trustees Huntington High School Dist., soon take bids, fireproof administration, auditorium, classroom and domestic science buildings. To exceed $300,000. Allison & Allison, Hibernian Bldg., Los Angeles, archts. Noted July 2.

Que., Three Rivers — SCHOOL — School Comn. soon takes bids for school. $300,000.

BIDS DESIRED

Mass., Winchester—PARISH HOUSE and CHAPEL — First Congregational Church taking bids 2 story and basement, 73 x 121 ft., granite and stucco, plain foundation, Church St. $160,000. R. Coit, 9 Park St., Boston, archt.

Mass., Worcester—CHURCH—St. Joseph Church, A. Allard, pastor, refiguring bids 2 story and basement, 75 x 190 ft., brick and steel, Hamilton St. $200,000. O. E. Nault, 48 Hamilton St., archt.

Conn., Danielson—HIGH SCHOOL—Dec. 29, by Town, F. A. Jacobs, on com., two 2 story and basement, 50 x 91 ft., brick and steel wing to Killingly High School. $150,000. Sellew & Towner, 363 Main St., Middletown, archt. Noted Nov. 12.

N. Y., Bayside (Ind. Sta. Flushing) — SCHOOL—Jan. 6, by W. H. Gompert, supt. Schools, Flatbush Ave. extension and Concord St., Brooklyn, P. S. 41, 35th Ave. from 214th Pl. to 214th Lane, here, for Bd. Educ., 500 Park Ave., New York City.

Pa., Pittsburgh—HIGH SCHOOL—Dec. 24, by Roman Catholic Diocese of Pittsburgh, c/o H. C. Boyle, pastor, 5th Ave. and Craig St., Boys High School, 4 story and basement, 64 x 234 ft., brick and steel, 5th Ave. and Boundary St. $500,000. E. J. Weber & A. F. Link, North Craig St., archts. Noted Aug. 27.

D. C., Wash.—HIGH SCHOOL—Jan. 5, by Dist. Comrs., constructing John R. Francis Junior High School. Noted Dec. 10.

Fla., Ft. Meyers—SCHOOL—Jan. 6, by Bd. Pub. Instruction, Lee Co., for West Ft. Meyers School. C. W. Bartleson, chn.

O., Cincinnati—SYNAGOGUE—Jan. 1, by O. Schwartz, archt., Provident Bank Bldg., 1 story and basement, 90 x 140 ft., rein.-con., brick, stone and steel, plain foundation, Reading Rd., for Avondale Synagogue, Reading Rd. $375,000.

Wis., Milwaukee — JUNIOR HIGH SCHOOL — Dec. 30, by Bd. Educ., 10th and Prairie Sts., F. M. Harbach, secy., 3 story and basement, 160 x 170 ft. school and 40 x 50 ft. boiler house, concrete and brick, plain foundation, 38th and Concordia Sts. $400,000. G. E. Wiley, c/o Bd. Educ., archt. Noted Oct. 22.

Okla., Tulsa—SUNDAY SCHOOL—Jan. 4, by R. W. Anderson, pastor First Baptist Congregation, 2 story, 90 x 140 ft., rein.-con., brick, stone and steel, South Cincinnati St. $175,000. C. H. Woodruff, 400 Reynolds Bldg., Fort Worth, Tex., archt. Noted Dec. 10.

BIDS RECEIVED

Pa., Pittsburgh—SCHOOL—Bd. Educ., Fulton Bldg., 2 and 3 story and basement teachers training school, 5th Ave. and Bouquet St., from J. G. Fullman Co., E. E. Trust Bldg., $578,000.

O., Cleveland — SCHOOL — Bd. Educ., F. G. Hogen, dir., 2 story and basement, 72 x 170 ft., concrete, brick and steel addition, Howard Ave., Item 1, masonry, from F. Kitzer, 16808 Madison Ave., Lakewood, $79,840, Items 2, 9, carpentry, roofing, sheet metal, plastering, structural steel, marble, tile and painting, from J. Moore Co., Union Mortgage Bldg., $81,636, Items 1 to 9 (inclusive) from W. Moore Co., 1276 West 4th St., $168,885. Noted Dec. 3.

O., Vermilion — HIGH SCHOOL — Bd. Educ., C. A. Trinter, clk., 2 story and basement, 115 x 140 ft., brick, steel and concrete high school, from Longnecker Constr. Co., Greenville, $95,780. Noted Oct. 1.

Mich., Detroit — SCHOOL — Bd. Educ., 1354 Bway. Ave., general contract 2 story and basement, 200 x 200 ft., rein.-con., brick and steel, Cicotte Ave., from Rosewarne, McNab & Worswick, 333 State St., $267,000; heating, etc., from J. W. Partlan, 13900 Goddard Ave., $77,400. Noted Nov. 26.

Mich., Highland Park (br. Detroit) — SCHOOL—Bd. Educ., 3 story, 100 x 200 ft., rein.-con., brick and steel, plain foundation, Buena Vista Ave., from Martin-Krausman Co., 955 East Jefferson Ave., Detroit, $255,950. Noted Nov. 26.

Calif., Los Angeles—HIGH SCHOOL—Bd. Educ., 2 story, 100 x 263 ft. science building and 1 and 2 story, 60 x 179 ft. shop, brick, John C. Fremont High School site, general contract, from Salih Bros., Detwiler Bldg., $134,825. Noted Dec. 3.

CONTRACTS AWARDED

Conn., Storrs — DORMITORY — State Agricultural College, C. L. Beach, pres., 3 story mens dormitory, brick, to H. Wales Lines Co., State St., Meriden, $146,437. Noted Dec. 3.

N. J., Princeton — CHAPEL — Princeton University, 1 story, 114 x 277 ft., brick, steel and stone, plain foundation, to Matthews Constr. Co., 285 Madison Ave., Phila., Pa. Archts. est. $1,500,000. Noted Oct. 22.

O., Mansfield — HIGH SCHOOL — Bd. Educ., completing interior 3 story and basement high school, to Boldt Constr. Co., 1969 East 70th St., Cleveland, $143,200. Noted Nov. 12.

O., Youngstown—HIGH SCHOOL—Bd. Educ., general contract Bancroft School, 2 story and basement, 20 room, brick, steel and concrete, to Louis Adaviso & Co., 939 West Federal St., $200,000.

Ill., Urbana—CHURCH—St. John The Divine Episcopal Congregation, c/o J. White, bishop, Springfield, 2 story, 45 x 130 ft., concrete, brick and stone, Wright and Armory Sts., here, to English Bros., Champaign. Archts. est. $250,000.

Calif., Covina — SCHOOL — California Preparatory School for Boys, 1 and 2 story, rein.-con. and hollow tile school, administration, hospital, dining hall, service garage, etc., to H. E. Tabor, 1350 East Orange Grove Ave., Pasadena, approximately $210,000. Noted Nov. 26.

Federal Government Work

PROPOSED WORK

Fla., Pensacola—Fuel Storage—Spec. 5107—Bureau Yards & Docks, Navy Dept., Wash., D. C. plans fuel storage, 1,500,000 and two 90,000 gal. steel tanks, with floating deck, pumphouses, pumps, etc., at Naval Air Station, here. L. E. Gregory, ch. of bureau.

California—Road—C. H. Sweetser, dist. engr. U. S. Bureau Pub Rds., 9 Main St., San Francisco, making plans grading and concrete paving 16 mi. Covelo-Low Gap Natl. Forest Highway, Mendocino Co.

Calif., San Diego—Water Meter, etc.—Spec. 5165—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans water meter, tank equipment, etc. for Naval Operating Base (Marine Corps Base), here. L. E. Gregory, ch. of bureau.

BIDS DESIRED

Ky., Louisville—Dam—Feb. 1, by U. S. Engineer Office, P. O. Box 72, constructing Sects. A and B, Dam 41, in Ohio River; adv. E. N.-R. Dec. 24.

Ky., Louisville—Piling—Dec. 28, by U. S. Engineer Office, P. O. Box 72, 6,800,000 lb. steel sheet piling, for Dams 46 50 52 and 53, in Ohio River.

Ky., Louisville—Scows—Jan. 19, by U. S. Engineer Office, Box 72, 2 steel dump scows; adv. E. N.-R. Dec. 24.

BIDS RECEIVED

Wyoming—Bridge—J. W. Johnson, dist. engr. Bureau Pub. Roads, Dept. Agriculture, 301 Custom House Bldg., Denver, Colo., improving Jackson Park Highway Natl. Forest Road Project, Sect. 2 (bridge), in Teton Natl. Forest, here, from Monarch Eng. Co., West Colfax and Larimer Sts., Denver, Colo., $41,950. Noted Nov. 26.

Cuba, Guantanamo—Deck and Roof—Spec. 5150—Bureau Yards & Docks, Navy Dept., Wash., D. C., Dec. 16, floating steel deck and alterations to roof of steel gasoline storage tank, at Navy Station, Guantanamo Bay, here, from Columbian Steel Tank Co., 1605 West 12th St., Kansas City, Mo., $4,337. Noted Nov. 26.

CONTRACTS AWARDED

Md., Perry Point—Kitchen and Mess Building, etc.—U. S. Veterans Bureau, Room 791 Arlington Bldg., Wash., D. C., general contract kitchen and mess building at U. S. Veterans Hospital, here, to A. Blair, 11 South Lawrence St., Montgomery, Ala., $183,700; refrigeration, to Frick Co., Inc., West Main St., Waynesboro, Pa., $18,420; and electric freight elevator, to Otis Elevator Co., 810 18th St., N. W., $2,885. Grand total $205,005. Noted Sept. 24.

D. C., Wash.—Research Laboratory—Spec. 5098—Bureau Yards & Docks, Navy Dept., rein.-con. research annex at Naval Research Laboratory (Bellevue), to Virginia Eng. Co., Newport News, Va., $64,989 (240 days).

Tex., Galveston—Dredging—U. S. Engineer Office, Dredging Sabine-Neches Waterway, to Atlantic, Gulf & Pacific Dredging Co., Scanlon Bldg., Houston, $391,680. Noted Dec. 17.

Tex., Galveston—Dredging—U. S. Engineer Office, dredging channel between Port Aransas and Corpus Christi, to United Dredging Co., 323 Security Bldg., $237,123. Noted Dec. 17.

Calif., Palo Alto—Water Softening Plant—U. S. Veterans Bureau, Wash., D. C., water softening plant, for U. S. Veterans Hospital 24, here, to Permutit Co., 440 4th Ave., New York City, N. Y., $15,680. Noted Nov. 26.

Unclassified

PROPOSED WORK

Pier—Charlestown (Sta. Boston), **Mass.**—See "Excavation, Drainage, Irrigation, Levees, River and Harbor."

Race Track, etc.—Middleboro, Mass.—Middleboro Agricultural Society, plans ½ mi. track, 50 ft. horse sheds, etc. To exceed $25,000. Private plans.

Lighting System — Kissimmee, Fla.—Election Jan. 2 (extended date), $30,000 bonds, repairing and extending electric lighting system. Noted Nov. 19.

Parks, etc.—Lake Charles, La.—"See Excavation, Drainage, Irrigation, Levees, River and Harbor."

Lighting System — Clarksville, Tenn.—City and property owners plan "White Way" lighting system for business section. $25,000. S. R. Alexander, city engr.

Telephone Lines, etc.—Memphis, Tenn.—See "Buildings—Commercial."

Electric Transmission Line—Ohio—Salem Lighting Co., Salem, plans transmission line from Salem to Boardman (mail Poland). $175,000.

Swimming Pool, etc.—Turtle Creek (Ind. br. East Pittsburgh), **Pa.**—Burke Bros., 433 Liberty Ave., Pittsburgh, having plans prepared by R. M. Marlier, 1001 Empire Bldg., Pittsburgh, 100 x 600 ft., rein.-con. swimming pool, incl. 1 story, 50 x 400 ft. shelter and filtration building, Monroeville, near here. $50,000. S. and J. F. Lynch Eng. Co., West Haven, Conn., engrs.

Swimming Pool—Norfolk, Neb.—Y. M. C. A. plans 25 x 75 ft. swimming pool.

Pile and Timber Incline—Helena, Ark.—See "Buildings—Commercial."

Transmission Line—Crystal City, Tex.—Crystal City Electric Light & Ice Co., plans high power transmission line from here to River Spur. $30,000. Work may be done by day labor.

Swimming Pools—Ft. Worth, Tex.—City, Recreation Bd., c/o R. D. Evans, City Hall, chn., plans swimming pool at North Ft. Worth, $25,000; also one at South East Ft. Worth, $35,000. Glasgow & Langley, 1st Natl. Bank, archts.

Subway—San Antonio, Tex.—City and International-Great Northern Ry., Union Sta., Houston, C. S. Kirkpatrick, ch. engr., plns subway under railroad tracks, on West Commerce St. $65,000 or more. I. Ewig, city engr.

Transmission Line—California—Great Western Power Co. of California, 530 Bush St., San Francisco, plans approximately 22 mi. transmission line from San Francisco to points in San Mateo Co. Private plans.

Ornamental Lighting System—Huntington Beach, Calif.—See "Streets and Roads."

Wharves and Docks—Long Beach, Calif.—Plans wharves and docks. $500,000. R. G. McGlone, supt. Harbor Constr.

Ornamental Lighting System—Los Angeles, Calif.—Plans metal standards on portions of Thayer Ave., etc., $50,000; Marbelite standards on portions of Soto and 1st Sts. $25,000, Adams St. between Nevin Ave. and Alameda St. $25,000, Jefferson St. between Central Ave. and Alameda St. $25,000, and York Blvd., etc. $40,000.

Wharf—Monterey, Calif.—Voted $262,000 bonds, for wharf. F. B. Smith, 58 Sutter St., San Francisco, engr. Noted Oct. 29.

Subway—St. Lamberts, Que.—City Council soon takes bids subway under railroad tracks. $45,000.

BIDS DESIRED

Borings—New York, N. Y.—Jan. 4, by Bd. Transportation, J. A. Delaney, chn., 49 Lafayette St., making land and river borings South St., Manhattan Boro, East River from Fulton St., Manhattan to Cranberry St., Brooklyn, Route 101, A-1, Agreement "EH."

Entrance and Lamp Standards — New York, N. Y.—Jan. 4, by Bd. Transportation, J. A. Delaney, chn., 49 Lafayette St., additional entrance stairway at Burnside Ave. Station, and lamp standards for Bedford Park Blvd. Station Jerome Ave. Elevated Route of Bronx Boro, Agreement "EA."

Stairway—New York, N. Y.—Jan. 4, by Bd. Transportation, J. A. Delaney, chn., 49 Lafayette St., additional stairway, 86th St. Station, Manhattan-Bronx Rapid Transit R.R.

Subway—New York, N. Y.—Dec. 31, by Bd. Transportation, J. A. Delaney, chn., 49 Lafayette St., subway, Sect. 2, Route 102, under 8th Ave. from West 18th to West 28th Sts.

Foundation—Cleveland, O.—Dec. 31, by Cleveland Union Terminal Co., c/o O. P. and M. J. Van Sweringen, Marshall Bldg., foundation for center tower for Union Depot, approximately 100 x 100 ft. and 100 ft. deep, Public Sq. To exceed $500,000. H. D. Jouett, Ulmer Bldg., engr.

Retaining Wall — Cedar Rapids, Ia.—Jan. 19, by City Council at office L. J. Storey, city clk., City Hall, rein.-con. retaining wall along channel lines of island to 1st Ave. Bridge. J. F. Rall, mayor; adv. E. N.-R. Dec. 24.

BIDS RECEIVED

Bulkhead—New York, N. Y.—Park Bd., F. D. Gallatin, pres., Arsenal Bldg., 64th St. and 5th Ave., Dec. 17, concrete bulkhead along easterly boundary public driveway between 193rd and 198th Sts., from Ascher Eng. & Constr. Co., 51 West 66th St., $91,808. Noted Dec. 10.

Cable — New York, N. Y.—New York State Bridge & Tunnel Comn., and New Jersey Interstate Bridge & Tunnel Comn., Woolworth Bldg., Dec. 15, 3 conductor, lead covered cables in 2 tunnels and in ventilating buildings, from Standard Underground Cable Co., 50 Church St., $130,670. Noted Nov. 19.

Deck Scows—New York—R. K. Fuller, comr. Canals & Waterways, Albany, Dec. 16 steel flat deck scows, delivered at various locations along canal system, from Midland Barge Co., Midland, Pa., $154,000.

Special Work—New York, N. Y.—Jan. 4, by Bd. Transportation, 49 Lafayette St., J. A. Delaney, chn., Dec. 18, special work (crossfrogs, switches, etc.) for use in construction portion Corona Yards, from Bethlehem Steel Co., 25 Bway., $26,975. Noted Dec. 10.

Ventilating Buildings—New Jersey—New York State Bridge & Tunnel Comn., New Jersey Interstate Bridge & Tunnel Comn., Woolworth Bldg., New York City, Dec. 15, two 5 story, ventilating buildings for Holland Tunnel, here, Contr. 4, from Riso Bros., Inc., 415 Hackensack Plank Rd., West Hoboken, (unofficial) $1,577,000. Noted Dec. 3.

Ala., Mobile—Alabama State Docks Comn., State Office Bldg., 1,600 ft. concrete apron wharf, 260 ft., at Pier 2, from Doullet & Ewin, Queen & Crescent Bldg., New Orleans, La., $1,138,588. Noted Oct. 22.

Street Lighting System—St. Louis, Mo.—Bd. Pub. Serv., 208 City Hall, Dec. 15, 9,367 rein.-con. lighting standards complete, 1,250,000 ft. trenching and backfill, 2,000,000 ft. No. 8 steel taped and 100,000 ft. primary 5,000 volt lead covered cable, etc., from A. M. Ryckoff, 527 Chemical Bldg., $1,229,777. Noted Nov. 19.

CONTRACTS AWARDED

Subway—New York, N. Y.—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., subway, Sect. 3, Route 102, extending under and along 8th Ave. West 28th to West 37th Sts., to Rosoff Subway Constr. Co., 133 Madison Ave., $5,886,506. Noted Dec. 17.

Subway—New York, N. Y.—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., constructing subway, Sect. 2, Route 105, along and under Bway. from Cummings to West 211th Sts., to S. B. Mason, Inc., 7 West 60th St., $3,537,000. Noted Dec. 3.

Vehicular Tunnel — Pittsburgh, Pa.—Comrs. Allegheny Co., Court House, vehicular tunnel and approaches on 2nd Ave. between 10th and Forbes Sts., to Booth & Flinn, Ltd., Canal and West Sts., New York City, $1,094,776. Noted Dec. 3.

Foundation, etc.—Canton, O.—See "Buildings—Commercial."

Grade Separation—Michigan—State Hy. Dept., at office Comrs. Monroe Co., Monroe, fabrication and structural steel grade separation, Federal Aid Bridge 5813001, to State Construction Forces, Lansing, $33,813.

Culverts — Leavenworth, Kan.—See "Streets and Roads."

Grand Stand, etc. — St. Louis, Mo.—Dodier Realty Investment Co., 2906 North Spring Ave., general contract altering 2nd deck and constructing 4 rein.-con. and steel covered wings to grand stand, etc., to Steininger Constr. Co., Laclede Gas Bldg., under supervision of Osborn Eng. Co., Euclid Bldg., Cleveland, O. $1,500,000.

Whiteway and Lighting System—Palestine, Tex.—Rebuilding whiteway and lighting system in downtown district, to Texas Power & Light Co., 71 Bway., New York City, approximately $40,000.

Gas Holder—Oakland, Calif.—Pacific Gas & Electric Co., 245 Market St., San Francisco, 10,000,000 cu.ft. gas holder, to Bartlett-Hayward, 200 Scott St., Baltimore, Md., $600,000.

Materials

BIDS DESIRED

Lumber, etc.—New York, N. Y.—Dec. 29, by J. E. Bowe, comr. Purchase, Municipal Bldg., lumber, piles and paving blocks, for Fire & Police Depts., Depts. Correction, Health, Plant & Structures, Water Supply, Gas & Electricity, and Parks.

Portland Cement—Wisconsin—Dec. 29, by State Hy. Dept., Madison, 890,000 bbl. Portland cement for highway and bridges, etc., during 1926. J. T. Donaghey, Madison, engr.

BIDS RECEIVED

Broken Stone, etc.—Long Island City, N. Y.—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., Dec. 17, 29,000 cu.yd. broken stone and 14,000 cu.yd. sand from Pease Bros., Inc., 15 Lawrence St., Flushing, $82,070 and $22,400 respectively; 1,800 tons asphalt cement, from Standard Oil Co., 26 Bway., New York City, $33,292; and 150,000 gal. fuel oil, from Warner Quinlan Corp., 79 Wall St., New York City, $8,505. Noted Dec. 10.